

Astrid Pflüger

Klasse: 3a

3. Schuljahr

1. Rechenheft

Nr. 10

80 g holzfrei

Rechnen in der dritten Klasse 1963

Adolf-Reichwein-Schule Friedberg

Lehrerin: Frau **Mechthild Schäfer**

$$1) 78 + 42 = 120 \checkmark \quad 2) 9 \cdot 8 = 72 \checkmark$$

$$120 : 2 = 60 \checkmark \quad 72 - 32 = 40 \checkmark$$

$$60 - 48 = 12 \checkmark \quad 40 : 8 = 5 \checkmark$$

$$12 \cdot 7 = 84 \checkmark \quad 5 \cdot 30 = 150 \checkmark$$

$$84 + 66 = 150 \checkmark \quad 150 + 60 = 210 \checkmark$$

$$150 : 5 = 30 \checkmark \quad 210 - 90 = 120 \checkmark$$

$$30 \cdot 4 = 120 \checkmark \quad 120 : 5 = 24 \checkmark$$

$$120 - 42 = \underline{\underline{78}} \checkmark \quad 24 - 15 = \underline{\underline{9}} \checkmark$$

$$3) 100 - 66 = 34 \checkmark$$

$$34 + 38 = 72 \checkmark$$

$$72 : 9 = 8 \checkmark$$

$$8 \cdot 20 = 160 \checkmark$$

$$160 - 40 = 120 \checkmark$$

$$120 : 2 = 60 \checkmark$$

$$60 - 35 = 25 \checkmark$$

$$25 : 4 = \underline{\underline{6R1}} \checkmark$$

$$\begin{aligned} 1) \quad 40 \text{ in } 100 &= 2 \text{ mal R.20} \checkmark \\ 40 \text{ in } 120 &= 3 \text{ mal} \checkmark \\ 40 \text{ in } 140 &= 3 \text{ mal R.20} \checkmark \\ 40 \text{ in } 160 &= 4 \text{ mal} \checkmark \\ 40 \text{ in } 190 &= 4 \text{ mal R.30} \checkmark \\ 40 \text{ in } 111 &= 2 \text{ mal R.31} \checkmark \\ 40 \text{ in } 136 &= 3 \text{ mal R.16} \checkmark \\ 40 \text{ in } 184 &= 4 \text{ mal R.24} \checkmark \\ 40 \text{ in } 155 &= 3 \text{ mal R.35} \checkmark \\ 40 \text{ in } 173 &= 4 \text{ mal R.13} \checkmark \end{aligned}$$

$$\begin{aligned} 2) \quad 40 \text{ in } 200 &= 5 \text{ mal} \checkmark \\ (200) \quad 40 \text{ in } 250 &= 5 \text{ mal R.10} \checkmark \\ 40 \text{ in } 280 &= 7 \text{ mal} \checkmark \\ 40 \text{ in } 210 &= 5 \text{ mal R.10} \checkmark \\ 40 \text{ in } 270 &= 6 \text{ mal R.30} \checkmark \\ 40 \text{ in } 292 &= 7 \text{ mal R.12} \checkmark \\ 40 \text{ in } 229 &= 5 \text{ mal R.29} \checkmark \\ 40 \text{ in } 277 &= 6 \text{ mal R.37} \checkmark \\ 40 \text{ in } 246 &= 6 \text{ mal R.6} \checkmark \\ 40 \text{ in } 241 &= 6 \text{ mal R.1} \checkmark \end{aligned}$$

$$\begin{aligned} 3) \quad 40 \text{ in } 300 &= 7 \text{ mal R.20} \checkmark \\ 40 \text{ in } 320 &= 8 \text{ mal R.0} \checkmark \\ 40 \text{ in } 390 &= 9 \text{ mal R.30} \checkmark \\ 40 \text{ in } 330 &= 8 \text{ mal R.10} \checkmark \\ 40 \text{ in } 360 &= 9 \text{ mal} \checkmark \\ 40 \text{ in } 389 &= 9 \text{ mal R.29} \checkmark \\ 40 \text{ in } 314 &= 7 \text{ mal R.44} \checkmark \\ 40 \text{ in } 341 &= 8 \text{ mal R.21} \checkmark \\ 40 \text{ in } 374 &= 9 \text{ mal R.14} \checkmark \\ 40 \text{ in } 355 &= 8 \text{ mal R.35} \checkmark \end{aligned}$$

$$\begin{aligned} 16) \quad 1 \text{ Std.} &= 60 \text{ Min.} \checkmark \\ 3 \text{ Std.} &= 180 \text{ Min.} \checkmark \\ 8 \text{ Std.} &= 480 \text{ Min.} \checkmark \\ 2 \text{ Std.} &= 120 \text{ Min.} \checkmark \\ 7 \text{ Min.} &= 420 \text{ Sek.} \checkmark \\ 9 \text{ Min.} &= 540 \text{ Sek.} \checkmark \\ 4 \text{ Min.} &= 240 \text{ Sek.} \checkmark \\ 6 \text{ Min.} &= 360 \text{ Sek.} \checkmark \end{aligned}$$

17) 60 Min. = 1 Std. ✓
 300 Min. = 5 Std. ✓
 120 Min. = 2 Std. ✓
 240 Min. = 4 Std. ✓
 360 Sek. = 6 Min. ✓
 480 Sek. = 8 Min. ✓
 540 Sek. = 9 Min. ✓
 420 Sek. = 7(4) Min. ✓

10 · 60 = 600
 9 · 60 = 540
 8 · 60 = 480
 7 · 60 = 420
 6 · 60 = 360
 5 · 60 = 300
 4 · 60 = 240
 3 · 60 = 180
 2 · 60 = 120
 1 · 60 = 60

18) 3 · 60 + 15 = 195 ✓ 1 · 60 = 60
 7 · 60 + 20 = 440 ✓ 2 · 60 = 120
 9 · 60 + 44 = 584 ✓ 3 · 60 = 180
 2 · 60 + 36 = 156 ✓ 4 · 60 = 240
 4 · 60 + 18 = 258 ✓ 5 · 60 = 300
 6 · 60 + 50 = 410 ✓ 6 · 60 = 360
 8 · 60 + 9 = 489 ✓ 7 · 60 = 420
 1 · 60 + 40 = 100 ✓ 8 · 60 = 480
 5 · 60 + 57 = 357 ✓ 9 · 60 = 540
 7 · 60 + 36 = 456 ✓ 10 · 60 = 600

60 in 60 = 1 mal, denn 1 · 60 = 60
 60 in 120 = 2 mal, denn 2 · 60 = 120
 60 in 180 = 3 mal, denn 3 · 60 = 180
 60 in 240 = 4 mal, denn 4 · 60 = 240
 60 in 300 = 5 mal, denn 5 · 60 = 300
 60 in 360 = 6 mal, denn 6 · 60 = 360
 60 in 420 = 7 mal, denn 7 · 60 = 420
 60 in 480 = 8 mal, denn 8 · 60 = 480
 60 in 540 = 9 mal, denn 9 · 60 = 540
 60 in 600 = 10 mal, denn 10 · 60 = 600

7

$19) 240 = 4 \cdot 60 \checkmark$

$250 = 4 \cdot 60 + 10 \checkmark$

$480 = 8 \cdot 60 \checkmark$

$500 = 8 \cdot 60 + 20 \checkmark$

$20) 420 = 7 \cdot 60 \checkmark$

$440 = 7 \cdot 60 + 20 \checkmark$

$540 = 9 \cdot 60 \checkmark$

$580 = 9 \cdot 60 + 40 \checkmark$

$21) 60 \text{ in } 120 = 2 \text{ mal } \checkmark$

$60 \text{ in } 130 = 2 \text{ mal R. } 10 \checkmark$

$60 \text{ in } 320 = 5 \text{ mal R. } 20 \checkmark$

$60 \text{ in } 350 = 5 \text{ mal R. } 50 \checkmark$

$22) 60 \text{ in } 230 = 3 \text{ mal R. } 50 \checkmark$

$60 \text{ in } 320 = 5 \text{ mal R. } 20 \checkmark$

$60 \text{ in } 340 = 5 \text{ mal R. } 40 \checkmark$

$60 \text{ in } 430 = 7 \text{ mal R. } 10 \checkmark$

$60 \text{ in } 180 = 3 \text{ mal } \checkmark$

$50 \text{ in } 180 = 3 \text{ mal R. } 30 \checkmark$

$40 \text{ in } 180 = 4 \text{ mal R. } 20 \checkmark$

$30 \text{ in } 180 = 6 \text{ mal } \checkmark$

$20 \text{ in } 180 = 9 \text{ mal } \checkmark$

$60 \text{ in } 220 = 3 \text{ mal R. } 30 \checkmark$

$50 \text{ in } 220 = 4 \text{ mal R. } 20 \checkmark$

$40 \text{ in } 220 = 5 \text{ mal R. } 20 \checkmark$

$30 \text{ in } 220 = 7 \text{ mal R. } 10 \checkmark$

$20 \text{ in } 220 = 11 \text{ mal } \checkmark$

Fehler: 0

7

$4) 6 \cdot 70 = 420 \checkmark \quad 5) 9 \cdot 70 = 630 \checkmark$

$2 \cdot 70 = 140 \checkmark \quad 1 \cdot 70 = 70 \checkmark$

$8 \cdot 70 = 560 \checkmark \quad 4 \cdot 70 = 280 \checkmark$

$5 \cdot 70 = 350 \checkmark \quad 10 \cdot 70 = 700 \checkmark$

$3 \cdot 70 = 210 \checkmark \quad 5 \cdot 70 = 350 \checkmark$

$12) 4 \cdot 70 + 30 = 310 \checkmark$

$8 \cdot 70 + 30 = 590 \checkmark$

$6 \cdot 70 + 30 = 450 \checkmark$

$3 \cdot 70 + 30 = 240 \checkmark$

$7 \cdot 70 + 30 = 520 \checkmark$

$9 \cdot 70 + 30 = 660 \checkmark$

$12) 4 \cdot 70 + 40 = 320 \checkmark$

$8 \cdot 70 + 40 = 600 \checkmark$

$6 \cdot 70 + 40 = 460 \checkmark$

$3 \cdot 70 + 40 = 250 \checkmark$

$7 \cdot 70 + 40 = 530 \checkmark$

$9 \cdot 70 + 40 = 670 \checkmark$

$12) 4 \cdot 70 - 20 = 260 \checkmark$

$8 \cdot 70 - 20 = 540 \checkmark$

$6 \cdot 70 - 20 = 400 \checkmark$

$3 \cdot 70 - 20 = 190 \checkmark$

$7 \cdot 70 - 20 = 480 \checkmark$

$9 \cdot 70 - 20 = 610 \checkmark$

$12) 4 \cdot 70 - 50 = 230 \checkmark$

$8 \cdot 70 - 50 = 510 \checkmark$

$6 \cdot 70 - 50 = 370 \checkmark$

$3 \cdot 70 - 50 = 160 \checkmark$

$7 \cdot 70 - 50 = 440 \checkmark$

$9 \cdot 70 - 50 = 580 \checkmark$

$14) 560 = 8 \cdot 70 \checkmark$

$600 = 8 \cdot 70 + 40 \checkmark$

$70 = 1 \cdot 70 \checkmark$

$100 = 1 \cdot 70 + 30 \checkmark$

$210 = 3 \cdot 70 \checkmark$

$250 = 3 \cdot 70 + 40 \checkmark$

$15) 140 = 7 \cdot 20 \checkmark$

$140 = 2 \cdot 70 \checkmark$

$350 = 7 \cdot 50 \checkmark$

$350 = 5 \cdot 70 \checkmark$

$420 = 7 \cdot 60 \checkmark$

$420 = 6 \cdot 70 \checkmark$

$17) 70 \text{ in } 420 = 6 \text{ mal } \checkmark$

$70 \text{ in } 440 = 6 \text{ mal, Rest } 20 \checkmark$

$70 \text{ in } 350 = 5 \text{ mal } \checkmark$

$70 \text{ in } 380 = 5 \text{ mal, Rest } 30 \checkmark$

$70 \text{ in } 490 = 7 \text{ mal } \checkmark$

$70 \text{ in } 520 = 7 \text{ mal, Rest } 30 \checkmark$

$18) 70 \text{ in } 630 = 9 \text{ mal } \checkmark$

$70 \text{ in } 635 = 9 \text{ mal, Rest } 5 \checkmark$

$70 \text{ in } 560 = 8 \text{ mal } \checkmark$

$70 \text{ in } 590 = 8 \text{ mal, Rest } 30 \checkmark$

$70 \text{ in } 280 = 4 \text{ mal } \checkmark$

$70 \text{ in } 310 = 4 \text{ mal, Rest } 30 \checkmark$

$19) 70 \text{ in } 210 = 3 \text{ mal } \checkmark$

$30 \text{ in } 210 = 7 \text{ mal } \checkmark$

$70 \text{ in } 280 = 4 \text{ mal } \checkmark$

$40 \text{ in } 280 = 7 \text{ mal } \checkmark$

$70 \text{ in } 420 = 6 \text{ mal } \checkmark$

$60 \text{ in } 420 = 7 \text{ mal } \checkmark$

$20) 20 \text{ in } 200 = 10 \text{ mal } \checkmark$

$30 \text{ in } 200 = 6 \text{ mal, Rest } 20 \checkmark$

$40 \text{ in } 200 = 5 \text{ mal } \checkmark$

$50 \text{ in } 200 = 4 \text{ mal } \checkmark$

$60 \text{ in } 200 = 3 \text{ mal, Rest } 20 \checkmark$

$70 \text{ in } 200 = 2 \text{ mal, Rest } 60 \checkmark$

$4) 10 \cdot 80 = 800 \checkmark$

$9 \cdot 80 = 720 \checkmark$

$3 \cdot 80 = 240 \checkmark$

$8 \cdot 80 = 640 \checkmark$

$5 \cdot 80 = 400 \checkmark$

$7 \cdot 80 = 560 \checkmark$

$9 \cdot 80 = 720 \checkmark$

$6 \cdot 80 = 480 \checkmark$

$2 \cdot 80 = 160 \checkmark$

$5 \cdot 80 = 400 \checkmark$

$4 \cdot 80 = 320 \checkmark$

$3 \cdot 80 = 240 \checkmark$

$2 \cdot 80 = 160 \checkmark$

$1 \cdot 80 = 80 \checkmark$

$6) 10 \cdot 80 = 800 \checkmark$

$7 \cdot 80 = 560 \checkmark$

$1 \cdot 80 = 80 \checkmark$

$8 \cdot 80 = 640 \checkmark$

$4 \cdot 80 = 320 \checkmark$

$$8)400 = 5 \cdot 80 \checkmark$$

$$160 = 2 \cdot 80 \checkmark$$

$$720 = 9 \cdot 80 \checkmark$$

$$320 = 4 \cdot 80 \checkmark$$

$$640 = 8 \cdot 80 \checkmark$$

$$240 = 3 \cdot 80 \checkmark$$

$$480 = 6 \cdot 80 \checkmark$$

$$560 = 7 \cdot 80 \checkmark$$

$$9)80 \text{ in } 320 = 4 \text{ mal; denn } 80 \cdot 4 = 320$$

$$80 \text{ in } 560 = 7 \text{ mal; denn } 80 \cdot 7 = 560$$

$$80 \text{ in } 240 = 3 \text{ mal; denn } 3 \cdot 80 = 240$$

$$80 \text{ in } 160 = 2 \text{ mal; denn } 2 \cdot 80 = 160$$

$$80 \text{ in } 480 = 6 \text{ mal; denn } 6 \cdot 80 = 480$$

$$80 \text{ in } 640 = 8 \text{ mal; denn } 8 \cdot 80 = 640$$

$$80 \text{ in } 720 = 9 \text{ mal; denn } 9 \cdot 80 = 720$$

$$80 \text{ in } 400 = 5 \text{ mal; denn } 5 \cdot 80 = 400$$

$$10)7 \cdot 8 = 56 \checkmark$$

$$7 \cdot 80 = 560 \checkmark$$

$$5 \cdot 8 = 40 \checkmark$$

$$5 \cdot 80 = 400 \checkmark$$

$$9 \cdot 8 = 72 \checkmark$$

$$9 \cdot 80 = 720 \checkmark$$

$$6 \cdot 8 = 48 \checkmark$$

$$6 \cdot 80 = 480 \checkmark$$

$$9)80 \text{ in } 320 = 4 \text{ mal; denn } 4 \cdot 80 = 320$$

$$80 \text{ in } 560 = 7 \text{ mal; denn } 7 \cdot 80 = 560$$

$$80 \text{ in } 240 = 3 \text{ mal; denn } 3 \cdot 80 = 240$$

$$80 \text{ in } 160 = 2 \text{ mal; denn } 2 \cdot 80 = 160$$

$$80 \text{ in } 480 = 6 \text{ mal; denn } 6 \cdot 80 = 480$$

$$80 \text{ in } 640 = 8 \text{ mal; denn } 8 \cdot 80 = 640$$

$$80 \text{ in } 720 = 9 \text{ mal; denn } 9 \cdot 80 = 720$$

$$80 \text{ in } 400 = 5 \text{ mal; denn } 5 \cdot 80 = 400$$

$$13) 8 \cdot 80 + 42 = 682$$

$$3 \cdot 80 + 42 = 282$$

$$7 \cdot 80 + 42 = 502$$

$$5 \cdot 80 + 42 = 442$$

$$9 \cdot 80 + 42 = 762$$

$$4 \cdot 80 + 42 = 362$$

$$13) 8 \cdot 80 + 56 = 696$$

$$3 \cdot 80 + 56 = 296$$

$$7 \cdot 80 + 56 = 616$$

$$5 \cdot 80 + 56 = 456$$

$$9 \cdot 80 + 56 = 776$$

$$4 \cdot 80 + 56 = 376$$

$$13) 8 \cdot 80 - 34 = 606$$

$$7 \cdot 80 - 34 = 526$$

$$3 \cdot 80 - 34 = 206$$

$$5 \cdot 80 - 34 = 466$$

$$9 \cdot 80 - 34 = 686$$

$$4 \cdot 80 - 34 = 286$$

$$13) 8 \cdot 80 - 65 = 425 \quad 575$$

$$3 \cdot 80 - 65 = 175$$

$$7 \cdot 80 - 65 = 495$$

$$5 \cdot 80 - 65 = 335$$

$$9 \cdot 80 - 65 = 655$$

$$4 \cdot 80 - 65 = 255$$

$$16) 160 = 8 \cdot 20$$

$$160 = 4 \cdot 40$$

$$160 = 2 \cdot 80$$

$$400 = 10 \cdot 40$$

$$400 = 5 \cdot 80$$

$$800 = 10 \cdot 80$$

$$15) 160 = 2 \cdot 80$$

$$200 = 2 \cdot 80 + 40$$

$$320 = 4 \cdot 80$$

$$350 = 4 \cdot 80 + 30$$

$$480 = 6 \cdot 80$$

$$500 = 6 \cdot 80 + 20$$

$$9) 80 \text{ in } 320 = 4 \text{ mal; denn } 4 \cdot 80 = 320 \checkmark$$

$$80 \text{ in } 560 = 7 \text{ mal; denn } 7 \cdot 80 = 560 \checkmark$$

$$80 \text{ in } 240 = 3 \text{ mal; denn } 3 \cdot 80 = 240 \checkmark$$

$$80 \text{ in } 160 = 2 \text{ mal; denn } 2 \cdot 80 = 160 \checkmark$$

$$80 \text{ in } 480 = 6 \text{ mal; denn } 6 \cdot 80 = 480 \checkmark$$

$$80 \text{ in } 640 = 8 \text{ mal; denn } 8 \cdot 80 = 640 \checkmark$$

$$80 \text{ in } 720 = 9 \text{ mal; denn } 9 \cdot 80 = 720 \checkmark$$

$$80 \text{ in } 400 = 5 \text{ mal; denn } 5 \cdot 80 = 400 \checkmark$$

$$13) 8 \cdot 80 + 42 = 682 \checkmark$$

$$3 \cdot 80 + 42 = 282 \checkmark$$

$$7 \cdot 80 + 42 = 602 \checkmark$$

$$5 \cdot 80 + 42 = 442 \checkmark$$

$$9 \cdot 80 + 42 = 762 \checkmark$$

$$4 \cdot 80 + 42 = 362 \checkmark$$

$$13) 8 \cdot 80 + 56 = 696 \checkmark$$

$$3 \cdot 80 + 56 = 296 \checkmark$$

$$7 \cdot 80 + 56 = 616 \checkmark$$

$$5 \cdot 80 + 56 = 456 \checkmark$$

$$9 \cdot 80 + 56 = 776 \checkmark$$

$$4 \cdot 80 + 56 = 376 \checkmark$$

$$13) 8 \cdot 80 - 34 = 606 \checkmark$$

$$3 \cdot 80 - 34 = 206 \checkmark$$

$$7 \cdot 80 - 34 = 526 \checkmark$$

$$5 \cdot 80 - 34 = 366 \checkmark$$

$$9 \cdot 80 - 34 = 686 \checkmark$$

$$4 \cdot 80 - 34 = 286 \checkmark$$

$$13) 8 \cdot 80 - 65 = 575 \checkmark$$

$$3 \cdot 80 - 65 = 175 \checkmark$$

$$7 \cdot 80 - 65 = 495 \checkmark$$

$$5 \cdot 80 - 65 = 335 \checkmark$$

$$9 \cdot 80 - 65 = 655 \checkmark$$

$$4 \cdot 80 - 65 = 255 \checkmark$$

$$15) 160 = 2 \cdot 80 \checkmark$$

$$200 = 2 \cdot 80 + 40 \checkmark$$

$$320 = 4 \cdot 80 \checkmark$$

$$350 = 4 \cdot 80 + 30 \checkmark$$

$$480 = 6 \cdot 80 \checkmark$$

$$500 = 6 \cdot 80 + 20 \checkmark$$

$$16) 160 = 8 \cdot 20 \checkmark$$

$$160 = 4 \cdot 40 \checkmark$$

$$160 = 2 \cdot 80 \checkmark$$

$$400 = 10 \cdot 40 \checkmark$$

$$400 = 5 \cdot 80 \checkmark$$

$$800 = 10 \cdot 80 \checkmark$$

✓

$$18) 80 \text{ in } 640 = 8 \text{ mal } \checkmark$$

$$80 \text{ in } 680 = 8 \text{ mal R. } 40 \checkmark$$

$$80 \text{ in } 320 = 4 \text{ mal } \checkmark$$

$$80 \text{ in } 350 = 4 \text{ mal R. } 30 \checkmark$$

$$80 \text{ in } 560 = 7 \text{ mal } \checkmark$$

$$80 \text{ in } 590 = 7 \text{ mal R. } 30 \checkmark$$

$$19) 80 \text{ in } 720 = 9 \text{ mal } \checkmark$$

$$80 \text{ in } 770 = 9 \text{ mal R. } 50 \checkmark$$

$$80 \text{ in } 160 = 2 \text{ mal } \checkmark$$

$$80 \text{ in } 210 = 2 \text{ mal R. } 50 \checkmark$$

$$80 \text{ in } 400 = 5 \text{ mal } \checkmark$$

$$80 \text{ in } 460 = 5 \text{ mal R. } 60 \checkmark$$

$$20) 30 \text{ in } 360 = 12 \text{ mal } \checkmark$$

$$40 \text{ in } 360 = 9 \text{ mal } \checkmark$$

$$50 \text{ in } 360 = 7 \text{ mal R. } 10 \checkmark$$

$$60 \text{ in } 360 = 6 \text{ mal } \checkmark$$

$$70 \text{ in } 360 = 5 \text{ mal R. } 10 \checkmark$$

$$80 \text{ in } 360 = 4 \text{ mal R. } 40 \checkmark$$

$$2/180 \text{ in } 300 = 3 \text{ mal } R.60 \checkmark$$

$$80 \text{ in } 400 = 5 \text{ mal } \checkmark$$

$$80 \text{ in } 500 = 6 \text{ mal } R.20 \checkmark$$

$$80 \text{ in } 600 = 7 \text{ mal } R.40 \checkmark$$

$$80 \text{ in } 700 = 8 \text{ mal } R.60 \checkmark$$

$$80 \text{ in } 800 = 10 \text{ mal } \checkmark$$

$$2|24: 2 = 12 \checkmark \quad 4|36: 2 = 18 \checkmark$$

$$24: 3 = 8 \checkmark \quad 36: 3 = 12 \checkmark$$

$$24: 4 = 6 \checkmark \quad 36: 4 = 9 \checkmark$$

$$24: 6 = 4 \checkmark \quad 36: 6 = 6 \checkmark$$

$$24: 8 = 3 \checkmark \quad 36: 9 = 4 \checkmark$$

$$24: 12 = 2 \checkmark \quad 36: 12 = 3 \checkmark$$

Die Neunzigerreihe

$$090$$

$$180$$

$$270$$

$$360$$

$$450$$

$$540$$

$$630$$

$$720$$

$$810$$

$$900$$

$$4 \cdot 90 + 40 = 850 \checkmark$$

$$3 \cdot 90 + 40 = 310 \checkmark$$

$$7 \cdot 90 + 40 = 670 \checkmark$$

$$5 \cdot 90 + 40 = 490 \checkmark$$

$$2 \cdot 90 + 40 = 220 \checkmark$$

$$8 \cdot 90 + 40 = 760 \checkmark$$

$4) 9 \cdot 90 + 60 = 870 \checkmark$

$3 \cdot 90 + 60 = 330 \checkmark$

$7 \cdot 90 + 60 = 690 \checkmark$

$5 \cdot 90 + 60 = 510 \checkmark$

$2 \cdot 90 + 60 = 240 \checkmark$

$8 \cdot 90 + 60 = 780 \checkmark$

$4) 9 \cdot 90 - 50 = 760 \checkmark$

$3 \cdot 90 - 50 = 220 \checkmark$

$7 \cdot 90 - 50 = 580 \checkmark$

$5 \cdot 90 - 50 = 400 \checkmark$

$2 \cdot 90 - 50 = 130 \checkmark$

$8 \cdot 90 - 50 = 670 \checkmark$

$4) 9 \cdot 90 - 30 = 780 \checkmark$

$3 \cdot 90 - 30 = 240 \checkmark$

$7 \cdot 90 - 30 = 600 \checkmark$

$5 \cdot 90 - 30 = 420 \checkmark$

$2 \cdot 90 - 30 = 150 \checkmark$

$8 \cdot 90 - 30 = 690 \checkmark$

$6) 450 = 5 \cdot 90 \checkmark$

$500 = 5 \cdot 90 + 50 \checkmark$

$90 = 1 \cdot 90 \checkmark$

$120 = 1 \cdot 90 + 30 \checkmark$

$540 = 6 \cdot 90 \checkmark$

$600 = 6 \cdot 90 + 60 \checkmark$

$7) 180 = 9 \cdot 20 \checkmark$

$180 = 6 \cdot 30 \checkmark$

$180 = 3 \cdot 60 \checkmark$

$180 = 2 \cdot 90 \checkmark$

$360 = 9 \cdot 40 \checkmark$

$360 = 4 \cdot 90 \checkmark$

\checkmark

\checkmark

$$13) 40 \text{ in } 300 = 7 \text{ mal R. } 20 \checkmark$$

$$40 \text{ in } 170 = 4 \text{ mal R. } 10 \checkmark$$

$$40 \text{ in } 290 = 7 \text{ mal R. } 10 \checkmark$$

$$40 \text{ in } 330 = 8 \text{ mal R. } 10 \checkmark$$

$$40 \text{ in } 180 = 4 \text{ mal R. } 20 \checkmark$$

$$40 \text{ in } 370 = 9 \text{ mal R. } 10 \checkmark$$

$$40 \text{ in } 400 = 10 \text{ mal } \checkmark$$

$$40 \text{ in } 260 = 6 \text{ mal R. } 20 \checkmark$$

$$13) 50 \text{ in } 300 = 6 \text{ mal } \checkmark$$

$$50 \text{ in } 170 = 3 \text{ mal R. } 20 \checkmark$$

$$50 \text{ in } 290 = 5 \text{ mal R. } 40 \checkmark$$

$$50 \text{ in } 330 = 6 \text{ mal R. } 30 \checkmark$$

$$50 \text{ in } 180 = 3 \text{ mal R. } 30 \checkmark$$

$$50 \text{ in } 370 = 7 \text{ mal R. } 20 \checkmark$$

$$50 \text{ in } 400 = 8 \text{ mal } \checkmark$$

$$50 \text{ in } 260 = 5 \text{ mal R. } 10 \checkmark$$

Arvid Pflüger

Klasse: 3a

3. Schuljahr

2. Rechenheft

Nr. 10

80 g holzfrei

$$13) 60 \text{ in } 300 = 5 \text{ mal } \checkmark$$

$$60 \text{ in } 170 = 2 \text{ mal R. } 50 \checkmark$$

$$60 \text{ in } 290 = 4 \text{ mal R. } 50 \checkmark$$

$$60 \text{ in } 330 = 5 \text{ mal R. } 30 \checkmark$$

$$60 \text{ in } 180 = 3 \text{ mal } \checkmark$$

$$60 \text{ in } 370 = 6 \text{ mal R. } 10 \checkmark$$

$$60 \text{ in } 400 = 6 \text{ mal R. } 40 \checkmark$$

$$60 \text{ in } 260 = 4 \text{ mal R. } 20 \checkmark$$

$$134) 70 \text{ in } 500 = 7 \text{ mal R. } 10$$

$$70 \text{ in } 380 = 5 \text{ mal R. } 30$$

$$70 \text{ in } 660 = 9 \text{ mal R. } 30$$

$$70 \text{ in } 420 = 6 \text{ mal}$$

$$70 \text{ in } 310 = 4 \text{ mal R. } 30$$

$$70 \text{ in } 690 = 9 \text{ mal R. } 60$$

$$70 \text{ in } 550 = 7 \text{ mal R. } 60$$

$$70 \text{ in } 700 = 10 \text{ mal}$$

$$13u) 80 \text{ in } 500 = \overset{6}{8} \text{ mal R. } 20$$

$$80 \text{ in } 380 = 4 \text{ mal R. } 60$$

$$80 \text{ in } 660 = 8 \text{ mal R. } 20$$

$$80 \text{ in } 420 = 5 \text{ mal R. } 20$$

$$80 \text{ in } 310 = 3 \text{ mal R. } 70$$

$$80 \text{ in } 690 = 8 \text{ mal R. } 50$$

$$80 \text{ in } 550 = 6 \text{ mal R. } 70$$

$$80 \text{ in } 700 = 8 \text{ mal R. } 40$$

$$13u) 90 \text{ in } 500 = 5 \text{ mal R. } 50 \checkmark$$

$$90 \text{ in } 380 = 4 \text{ mal R. } 20 \checkmark$$

$$90 \text{ in } 660 = 7 \text{ mal R. } 30 \checkmark$$

$$90 \text{ in } 420 = 4 \text{ mal R. } 60 \checkmark$$

$$90 \text{ in } 310 = 3 \text{ mal R. } 40 \checkmark$$

$$90 \text{ in } 690 = 7 \text{ mal R. } 60 \checkmark$$

$$90 \text{ in } 550 = 6 \text{ mal R. } 10 \checkmark$$

$$90 \text{ in } 700 = 7 \text{ mal R. } 70 \checkmark$$

$$19) 7 \cdot 30 = 210 \checkmark 20) 8 \cdot 60 = 480 \checkmark$$

$$7 \cdot 80 = 560 \checkmark 8 \cdot 50 = 400 \checkmark$$

$$7 \cdot 60 = 420 \checkmark 8 \cdot 20 = 160 \checkmark$$

$$7 \cdot 20 = 140 \checkmark 8 \cdot 30 = 240 \checkmark$$

$$7 \cdot 70 = 490 \checkmark 8 \cdot 90 = 720 \checkmark$$

$$7 \cdot 90 = 630 \checkmark 8 \cdot 70 = 560 \checkmark$$

$$7 \cdot 50 = 350 \checkmark 8 \cdot 40 = 320 \checkmark$$

$$7 \cdot 40 = 280 \checkmark 8 \cdot 80 = 640 \checkmark$$

$$23) 270 = 9 \cdot 30 \checkmark 24) 120 = 6 \cdot 20 \checkmark$$

$$240 = 8 \cdot 30 \checkmark 140 = 7 \cdot 20 \checkmark$$

$$280 = 4 \cdot 70 \checkmark 320 = 4 \cdot 80 \checkmark$$

$$350 = 7 \cdot 50 \checkmark 320 = 8 \cdot 40 \checkmark$$

$$250 = 5 \cdot 50 \checkmark 360 = 4 \cdot 90 \checkmark$$

$$28) 160 = 40 \cdot 4 \checkmark 29) 720 = 90 \cdot 8 \checkmark$$

$$250 = 50 \cdot 5 \checkmark 640 = 80 \cdot 8 \checkmark$$

$$270 = 30 \cdot 9 \checkmark 480 = 60 \cdot 8 \checkmark$$

$$270 = 90 \cdot 3 \checkmark 480 = 80 \cdot 6 \checkmark \quad \gamma$$

O Fehler

$35)200 : 4 = 50$

$36)360 : 6 = 60$

$200 : 40 = 5$

$360 : 60 = 6$

$210 : 3 = 70$

$420 : 7 = 60$

$210 : 30 = 7$

$420 : 70 = 6$

$240 : 8 = 30$

$450 : 5 = 90$

$240 : 80 = 3$

$450 : 50 = 9$

$38)490 : 7 = 70$

$480 : 80 = 6$

$560 : 70 = 8$

$540 : 9 = 6$

$420 : 6 = 70$

$420 : 60 = 7$

$35)200 : 4 = 50$

$36)360 : 6 = 60$

$200 : 40 = 5$

$360 : 60 = 6$

$210 : 3 = 70$

$420 : 7 = 60$

$210 : 30 = 7$

$420 : 70 = 6$

$240 : 8 = 30$

$450 : 5 = 90$

$240 : 80 = 3$

$450 : 50 = 9$

$38)490 : 7 = 70$

$480 : 80 = 6$

$560 : 70 = 8$

$540 : 9 = 6$

$420 : 6 = 70$

$420 : 60 = 7$

$35)200 : 4 = 50 \checkmark, 36)360 : 6 = 60 \checkmark$

$200 : 40 = 5 \checkmark, 360 : 60 = 6 \checkmark$

$210 : 3 = 70 \checkmark, 420 : 7 = 60 \checkmark$

$210 : 30 = 7 \checkmark, 420 : 70 = 6 \checkmark$

$240 : 8 = 30 \checkmark, 450 : 5 = 90 \checkmark$

$240 : 80 = 3 \checkmark, 450 : 50 = 9 \checkmark$

$38)490 : 7 = 70 \checkmark, 39)630 : 7 = 90 \checkmark$

$480 : 80 = 6 \checkmark, 630 : 9 = 70 \checkmark$

$560 : 70 = 8 \checkmark, 810 : 90 = 9 \checkmark$

$540 : 9 = 60 \checkmark, 450 : 50 = 9 \checkmark$

$420 : 6 = 70 \checkmark, 160 : 4 = 40 \checkmark$

$420 : 60 = 7 \checkmark, 160 : 80 = 2 \checkmark$

$40)720 : 8 = 90 \checkmark, 42)140 : 7 = 20 \checkmark$

$720 : 90 = 8 \checkmark, 490 : 7 = 70 \checkmark$

$490 : 70 = 7 \checkmark, 280 : 7 = 40 \checkmark$

$420 : 70 = 6 \checkmark, 210 : 7 = 30 \checkmark$

$480 : 60 = 8 \checkmark, 420 : 7 = 60 \checkmark$

$480 : 80 = 6 \checkmark, 350 : 7 = 50 \checkmark$

$630 : 7 = 90 \checkmark$

$700 : 7 = 100 \checkmark$

$560 : 7 = 80 \checkmark$

$42)140 : 70 = 2 \checkmark, 33)90 = 10 \cdot 9$

$490 : 70 = 7 \checkmark, 90 = 9 \cdot 10$

$280 : 70 = 4 \checkmark, 90 = 90 \cdot 1$

$210 : 70 = 3 \checkmark, 90 = 1 \cdot 90$

$420 : 70 = 6 \checkmark, 90 = 3 \cdot 30$

$350 : 70 = 5 \checkmark, 90 = 30 \cdot 3$

$630 : 70 = 9 \checkmark, 100 = 10 \cdot 10$

$700 : 70 = 10 \checkmark, 100 = 1 \cdot 100$

$560 : 70 = 8 \checkmark, 100 = 100 \cdot 1$

$100 = 2 \cdot 50$

$100 = 50 \cdot 2$

$100 = 4 \cdot 25$

$100 = 25 \cdot 4$

$100 = 5 \cdot 20$

$100 = 20 \cdot 5$

$120 = 60 \cdot 2$

$120 = 2 \cdot 60$

$120 = 120 \cdot 1$

$339) 120 = 1 \cdot 120$ $360 = 90 \cdot 4$
 $120 = 6 \cdot 20$ $360 = 4 \cdot 90$
 $120 = 20 \cdot 6$ $560 = 1 \cdot 560$
 $120 = 30 \cdot 4$ $560 = 560 \cdot 1$
 $120 = 4 \cdot 30$ $560 = 7 \cdot 80$
 $120 = 3 \cdot 40$ $560 = 80 \cdot 7$
 $120 = 40 \cdot 3$
 $150 = 1 \cdot 150 = 2 \cdot 75$
 $150 = 150 \cdot 1$ $75 \cdot 2$
 $150 = 3 \cdot 50$ $560 = 70 \cdot 8$
 $150 = 50 \cdot 3$ $560 = 8 \cdot 70$
 $150 = 5 \cdot 30$ $560 = 280 \cdot 2$
 $150 = 30 \cdot 5$ $560 = 2 \cdot 280$
 $150 = 10 \cdot 15$
 $150 = 15 \cdot 10$
 $150 = 6 \cdot 25$
 $150 = 25 \cdot 6$
 $180 = 1 \cdot 180$
 $180 = 180 \cdot 1$
 $180 = 6 \cdot 30$

$3 \cdot 180 = 3 \cdot 60$ $280 = 2 \cdot 140$
 $180 = 30 \cdot 6$ $280 = 140 \cdot 2$
 $180 = 60 \cdot 3$ $280 = 8 \cdot 35$
 $180 = 90 \cdot 2$ $280 = 35 \cdot 8$
 $180 = 2 \cdot 90$ $320 = 1 \cdot 320$
 $180 = 9 \cdot 20$ $320 = 320 \cdot 1$
 $180 = 20 \cdot 9$ $320 = 8 \cdot 40$
 $210 = 210 \cdot 1$ $320 = 40 \cdot 8$
 $210 = 1 \cdot 210$ $320 = 4 \cdot 80$
 $210 = 30 \cdot 7$ $320 = 80 \cdot 4$
 $210 = 7 \cdot 30$ $320 = 160 \cdot 2$
 $210 = 70 \cdot 3$ $320 = 2 \cdot 160$
 $210 = 3 \cdot 70$ $360 = 6 \cdot 60$
 $210 = 2 \cdot 105$ $360 = 60 \cdot 6$
 $210 = 105 \cdot 2$ $360 = 1 \cdot 360$
 $(210) = 360 = 360 \cdot 1$
 $280 = 4 \cdot 70$ $360 = 2 \cdot 180$
 $280 = 70 \cdot 4$ $360 = 180 \cdot 2$
 $280 = 40 \cdot 7$ $360 = 9 \cdot 40$
 $280 \cdot 7 \cdot 40$ $360 = 40 \cdot 9$

$$33a) 90 = 1 \cdot 90 \checkmark \quad 120 = 6 \cdot 20 \checkmark$$

$$90 = 90 \cdot 1 \checkmark \quad 120 = 4 \cdot 30 \checkmark$$

$$90 = 3 \cdot 30 \checkmark \quad 120 = 30 \cdot 4 \checkmark$$

$$90 = 30 \cdot 3 \checkmark \quad 120 = 3 \cdot 40 \checkmark$$

$$90 = 9 \cdot 10 \checkmark \quad 120 = 40 \cdot 3 \checkmark$$

$$90 = 10 \cdot 9 \checkmark \quad 150 = 1 \cdot 150 \checkmark$$

$$100 = 1 \cdot 100 \checkmark \quad 150 = 150 \cdot 1 \checkmark$$

$$100 = 100 \cdot 1 \checkmark \quad 150 = 2 \cdot 75 \checkmark$$

$$100 = 10 \cdot 10 \checkmark \quad 150 = 75 \cdot 2 \checkmark$$

$$100 = 2 \cdot 50 \checkmark \quad 150 = 3 \cdot 50 \checkmark$$

$$100 = 50 \cdot 2 \checkmark \quad 150 = 50 \cdot 3 \checkmark$$

$$100 = 4 \cdot 25 \checkmark \quad 150 = 5 \cdot 30 \checkmark$$

$$100 = 25 \cdot 4 \checkmark \quad 150 = 30 \cdot 5 \checkmark$$

$$100 = 5 \cdot 20 \checkmark \quad 150 = 10 \cdot 15 \checkmark$$

$$100 = 20 \cdot 5 \checkmark \quad 150 = 15 \cdot 10 \checkmark$$

$$120 = 1 \cdot 120 \checkmark \quad 150 = 6 \cdot 25 \checkmark$$

$$120 = 120 \cdot 1 \checkmark \quad 150 = 25 \cdot 6 \checkmark$$

$$120 = 60 \cdot 2 \checkmark \quad 180 = 1 \cdot 180 \checkmark$$

$$120 = 2 \cdot 60 \checkmark \quad 180 = 180 \cdot 1 \checkmark$$

$$120 = 20 \cdot 6 \checkmark \quad 180 = 6 \cdot 30 \checkmark$$

$$3. 180 = 30 \cdot 6 \checkmark \quad 280 = 2 \cdot 140 \checkmark$$

$$180 = 3 \cdot 60 \checkmark \quad 280 = 140 \cdot 2 \checkmark$$

$$180 = 60 \cdot 3 \checkmark \quad 280 = 8 \cdot 35 \checkmark$$

$$180 = 2 \cdot 90 \checkmark \quad 280 = 35 \cdot 8 \checkmark$$

$$180 = 90 \cdot 2 \checkmark \quad 320 = 1 \cdot 320 \checkmark$$

$$180 = 9 \cdot 20 \checkmark \quad 320 = 320 \cdot 1 \checkmark$$

$$180 = 20 \cdot 9 \checkmark \quad 320 = 8 \cdot 40 \checkmark$$

$$210 = 1 \cdot 210 \checkmark \quad 320 = 40 \cdot 8 \checkmark$$

$$210 = 210 \cdot 1 \checkmark \quad 320 = 4 \cdot 80 \checkmark$$

$$210 = 7 \cdot 30 \checkmark \quad 320 = 80 \cdot 4 \checkmark$$

$$210 = 30 \cdot 7 \checkmark \quad 320 = 2 \cdot 160 \checkmark$$

$$210 = 3 \cdot 70 \checkmark \quad 320 = 160 \cdot 2 \checkmark$$

$$210 = 70 \cdot 3 \checkmark \quad 360 = 1 \cdot 360 \checkmark$$

$$210 = 2 \cdot 105 \checkmark \quad 360 = 360 \cdot 1 \checkmark$$

$$210 = 105 \cdot 2 \checkmark \quad 360 = 6 \cdot 60 \checkmark$$

$$280 = 1 \cdot 280 \checkmark \quad 360 = 60 \cdot 6 \checkmark$$

$$280 = 280 \cdot 1 \checkmark \quad 360 = 2 \cdot 180 \checkmark$$

$$280 = 4 \cdot 70 \checkmark \quad 360 = 180 \cdot 2 \checkmark$$

$$280 = 70 \cdot 4 \checkmark \quad 360 = 4 \cdot 90 \checkmark$$

$$280 = 7 \cdot 40 \checkmark \quad 360 = 90 \cdot 4 \checkmark$$

$$280 = 40 \cdot 7 \checkmark \quad 360 = 9 \cdot 40 \checkmark$$

$$360 = 40 \cdot 9 \checkmark$$

$$\boxed{560} = 1 \cdot 560 \checkmark$$

$$560 = 560 \cdot 1 \checkmark$$

$$560 = 7 \cdot 80 \checkmark$$

$$560 = 80 \cdot 7 \checkmark$$

$$560 = 8 \cdot 70 \checkmark$$

$$560 = 70 \cdot 8 \checkmark$$

$$560 = 2 \cdot 280 \checkmark$$

$$560 = 280 \cdot 2 \checkmark$$

$$560 = 4 \cdot 140 \checkmark$$

$$560 = 140 \cdot 4 \checkmark$$

Kleine Maße

Das kleinste Maß ist ein Milli-
meter = 1 mm

$$1 \text{ cm} = 10 \text{ mm}$$

oder $10 \text{ mm} = 1 \text{ cm}$

$$\underline{\underline{5.))}} \quad 3 \text{ cm } 2 \text{ mm} = 32 \text{ mm} \checkmark$$

$$5 \text{ cm } 6 \text{ mm} = 56 \text{ mm} \checkmark$$

$$9 \text{ cm } 8 \text{ mm} = 98 \text{ mm} \checkmark$$

$$4 \text{ cm } 1 \text{ mm} = 41 \text{ mm} \checkmark$$

$$6 \text{ cm } 9 \text{ mm} = 69 \text{ mm} \checkmark$$

$$\underline{\underline{6.))}} \quad 20 \text{ mm} = 2 \text{ cm} \checkmark \quad \underline{\underline{7.))}} \quad 25 \text{ mm} = 2 \text{ cm } 5 \text{ mm} \checkmark$$

$$50 \text{ mm} = 5 \text{ cm} \checkmark \quad 52 \text{ mm} = 5 \text{ cm } 2 \text{ mm} \checkmark$$

$$70 \text{ mm} = 7 \text{ cm} \checkmark \quad 87 \text{ mm} = 8 \text{ cm } 7 \text{ mm} \checkmark$$

$$30 \text{ mm} = 3 \text{ cm} \checkmark \quad 48 \text{ mm} = 4 \text{ cm } 8 \text{ mm} \checkmark$$

$$90 \text{ mm} = 9 \text{ cm} \checkmark \quad 69 \text{ mm} = 6 \text{ cm } 9 \text{ mm} \checkmark$$

$$1 \text{ Meter} = 100 \text{ Zentimeter} = 1000 \text{ Millimeter}$$

$$1 \text{ m} = 100 \text{ cm} = 1000 \text{ mm}$$

Kleine Gewichte

Das kleinste Gewicht ist ein Gramm
= 1 g.

$$1000 \text{ Gramm} = 1 \text{ Kilogramm} \quad 1000 \text{ kg} = 1 \text{ kg}$$

oder:

$$1 \text{ Kilogramm} = 1000 \text{ Gramm}$$
$$1 \text{ kg} = 1000 \text{ g}$$

Wiederholung

$111 + 60 = 171 \checkmark$

$111 + 80 = 191 \checkmark$

$292 + 60 = 352 \checkmark$

$282 + 80 = 372 \checkmark$

$389 + 60 = 449 \checkmark$

$389 + 80 = 469 \checkmark$

$432 + 60 = 492 \checkmark$

$432 + 80 = 512 \checkmark$

$485 + 60 = 545 \checkmark$

$485 + 80 = 565 \checkmark$

$557 + 60 = 617 \checkmark$

$557 + 80 = 637 \checkmark$

$666 + 60 = 726 \checkmark$

$666 + 80 = 746 \checkmark$

$728 + 60 = 788 \checkmark$

$728 + 80 = 808 \checkmark$

$784 + 60 = 844 \checkmark$

$784 + 80 = 864 \checkmark$

$841 + 60 = 901 \checkmark$

$841 + 80 = 921 \checkmark$

$111 + 70 = 181 \checkmark$

$784 + 70 = 854 \checkmark$

$292 + 70 = 362 \checkmark$

$841 + 70 = 911 \checkmark$

$389 + 70 = 459 \checkmark$

$432 + 70 = 502 \checkmark$

$485 + 70 = 555 \checkmark$

$557 + 70 = 627 \checkmark$

$666 + 70 = 736 \checkmark$

$728 + 70 = 798 \checkmark$

$111 + 90 = 201 \checkmark$

$292 + 90 = 382 \checkmark$

$389 + 90 = 479 \checkmark$

$432 + 90 = 522 \checkmark$

$485 + 90 = 575 \checkmark$

$557 + 90 = 647 \checkmark$

$666 + 90 = 756 \checkmark$

$728 + 90 = 818 \checkmark$

$784 + 90 = 874 \checkmark$

$841 + 90 = 931 \checkmark$

$\underline{1)} 110 \text{ kg} + 45 \text{ kg} = 155 \text{ kg}$

$\underline{2)} 220 + 46 = 266 \checkmark$

$\underline{3)} 350 + 48 = 398 \checkmark$

$460 + 39 = 499 \checkmark$

$340 + 48 = 388 \checkmark$

$730 + 27 = 757 \checkmark$

$330 + 48 = 378 \checkmark$

$910 + 58 = 968 \checkmark$

$240 + 36 = 276 \checkmark$

$550 + 16 = 566 \checkmark$

$240 + 46 = 286 \checkmark$

$340 + 47 = 387 \checkmark$

$240 + 56 = 296 \checkmark$

$830 + 35 = 865 \checkmark$

$230 + 56 = 286 \checkmark$

$$\underline{4)} 420 + 30 + 16 = 466 \text{ v}$$

$$710 + 50 + 23 = 783 \text{ v}$$

$$240 + 20 + 37 = 297 \text{ v}$$

$$530 + 10 + 49 = 589 \text{ v}$$

$$850 + 20 + 15 = 885 \text{ v}$$

$$320 + 50 + 21 = 391 \text{ v}$$

$$130 + 30 + 30 = 190 \text{ v}$$

$$\underline{5)} 630 - 70 + 28 = 588 \text{ v}$$

$$410 - 80 + 43 = 373 \text{ v}$$

$$720 - 60 + 39 = 699 \text{ v}$$

$$550 - 80 + 17 = 477 \text{ v}$$

$$340 - 80 + 26 = 286 \text{ v}$$

$$960 - 90 + 13 = 883 \text{ v}$$

$$870 - 20 + 44 = 894 \text{ v}$$

v

$$\underline{6)} 560 + 28 = 588 \text{ v}$$

$$240 + 36 = 276 \text{ v}$$

$$330 + 54 = 384 \text{ v}$$

$$610 + 62 = 672 \text{ v}$$

$$470 + 25 = 495 \text{ v}$$

$$720 + 57 = 777 \text{ v}$$

$$160 + 26 = 186 \text{ v}$$

v

$$\underline{11)} 464 - 14 = 450 \quad \underline{12)} 756 - 36 = 720 \text{ v}$$

$$464 - 24 = 440 \text{ v} \quad 288 - 40 = 248 \text{ v}$$

$$464 - 34 = 430 \text{ v} \quad 365 - 50 = 315 \text{ v}$$

$$464 - 44 = 420 \text{ v} \quad 897 - 70 = 827 \text{ v}$$

$$464 - 54 = 410 \text{ v} \quad 572 - 40 = 532 \text{ v}$$

$$464 - 64 = 400 \text{ v} \quad 148 - 30 = 118 \text{ v}$$

$$474 - 64 = 410 \text{ v} \quad 476 - 50 = 426 \text{ v}$$

$$\underline{14)} 414 + 40 + 2 = 456 \checkmark$$

$$414 + 42 = 456 \checkmark$$

$$261 + 20 + 8 = 289 \checkmark$$

$$261 + 28 = 289 \checkmark$$

$$537 + 30 + 1 = 568 \checkmark$$

$$537 + 31 = 568 \checkmark$$

$$\underline{15)} 203 + 24 = 227 \checkmark$$

$$322 + 44 = 366 \checkmark$$

$$431 + 57 = 488 \checkmark$$

$$504 + 23 = 527 \checkmark$$

$$655 + 31 = 686 \checkmark$$

$$763 + 14 = 777 \checkmark$$

$$\underline{16)} 357 - 20 - 5 = 332 \checkmark$$

$$357 - 25 = 332 \checkmark$$

$$875 - 30 - 3 = 842 \checkmark$$

$$875 - 33 = 842 \checkmark$$

$$649 - 20 - 6 = 623 \checkmark$$

$$649 - 26 = 623 \checkmark$$

$$\underline{17)} 265 - 63 = 202 \checkmark$$

$$625 - 14 = 611 \checkmark$$

$$578 - 57 = 521 \checkmark$$

$$578 - 75 = 503 \checkmark$$

$$347 - 23 = 324 \checkmark$$

$$437 - 23 = 414 \checkmark$$

19) Der neue Wagen kostet 732 DM.

Bei der Lieferung entstehen noch 28 DM Unkosten. Wie groß ist die gesamte Ausgabe?

Antwort:

$$\checkmark 732 \text{ DM} + 28 \text{ DM} = 760 \text{ DM}$$

$$\underline{20)} 458 + 22 = 480 \quad \underline{21)} 146 + 34 = 180 \checkmark$$

$$726 + 34 = 760 \checkmark \quad 435 + 25 = 460 \checkmark$$

$$533 + 17 = 550 \checkmark \quad 724 + 26 = 750 \checkmark$$

$$867 + 23 = 890 \checkmark \quad 913 + 47 = 960 \checkmark$$

$$272 + 18 = 290 \checkmark \quad 555 + 15 = 570 \checkmark$$

$$644 + 36 = 680 \checkmark \quad 238 + 32 = 270 \checkmark$$

$$\underline{22)} 660 - 27 = 633 \quad \underline{23)} 970 - 35 = 935 \checkmark$$

$$870 - 56 = 814 \checkmark \quad 790 - 22 = 768 \checkmark$$

$$490 - 72 = 418 \checkmark \quad 380 - 24 = 356 \checkmark$$

$$750 - 38 = 712 \checkmark \quad 830 - 12 = 818 \checkmark$$

$$560 - 17 = 543 \checkmark \quad 570 - 44 = 526 \checkmark$$

$$980 - 46 = 934 \checkmark \quad 750 - 28 = 722 \checkmark$$

$$\underline{27)} 900 \text{ DM} - 56 \text{ DM} = 844 \text{ DM} \checkmark$$

$$500 \text{ DM} - 26 \text{ DM} = 474 \text{ DM} \checkmark$$

$$800 \text{ DM} - 39 \text{ DM} = 761 \text{ DM} \checkmark$$

$$400 \text{ DM} - 18 \text{ DM} = 382 \text{ DM} \checkmark$$

$$600 \text{ DM} - 47 \text{ DM} = 553 \text{ DM} \checkmark$$

$$700 \text{ DM} - 59 \text{ DM} = 641 \text{ DM} \checkmark$$

$$\underline{29)} 300 - 23 = 277 \quad \underline{30)} 400 - 11 = 389 \checkmark$$

$$900 - 54 = 846 \checkmark \quad 400 - 21 = 379 \checkmark$$

$$600 - 62 = 538 \checkmark \quad 400 - 31 = 369 \checkmark$$

$$200 - 42 = 158 \checkmark \quad 800 - 78 = 722 \checkmark$$

$$800 - 38 = 762 \checkmark \quad 800 - 68 = 732 \checkmark$$

$$700 - 76 = 624 \checkmark \quad 800 - 58 = 742 \checkmark$$

$$\underline{32)} 57 \text{ dx} + 20 \text{ dx} = 77 \text{ dx} \checkmark$$

$$57 \text{ dx} + 28 \text{ dx} = 85 \text{ dx} \checkmark$$

$$48 \text{ dx} + 30 \text{ dx} = 78 \text{ dx} \checkmark$$

$$48 \text{ dx} + 36 \text{ dx} = 84 \text{ dx} \checkmark$$

$$26 \text{ dx} + 50 \text{ dx} = 76 \text{ dx} \checkmark$$

$$26 \text{ dx} + 59 \text{ dx} = 85 \text{ dx} \checkmark$$

$$\underline{33)} 449 + 30 + 7 = 486 \checkmark$$

$$449 + 37 = 486 \checkmark$$

$$638 + 40 + 9 = 687 \checkmark$$

$$638 + 49 = 687 \checkmark$$

$$926 + 60 + 8 = 994 \checkmark$$

$$926 + 68 = 994 \checkmark$$

$$\underline{34)} 623 + 48 = 671 \checkmark$$

$$417 + 54 = 471 \checkmark$$

$$256 + 37 = 293 \checkmark$$

$$849 + 23 = 872 \checkmark$$

$$176 + 18 = 194 \checkmark$$

$$907 + 58 = 965 \checkmark$$

$$\underline{37)} 259 + 24 = 283 \checkmark$$

$$24 + 259 = 283 \checkmark$$

$$468 + 18 = 486 \checkmark$$

$$18 + 468 = 486 \checkmark$$

$$49 + 333 = 382 \checkmark$$

$$73 + 228 = 201 \checkmark$$

$$54 + 538 = 592 \checkmark$$

$$45 + 629 = 674 \checkmark$$

$$66 + 325 = 391 \checkmark$$

$$28 + 872 = 900 \checkmark$$

$$43 + 438 = 481 \checkmark$$

$$39 + 716 = 755 \checkmark$$

$$\underline{46)} 443 \text{DM} - 25 \text{DM} = 418 \text{DM} \checkmark$$

$$385 \text{DM} - 38 \text{DM} = 347 \text{DM} \checkmark$$

$$293 \text{DM} - 47 \text{DM} = 246 \text{DM} \checkmark$$

$$576 \text{DM} - 29 \text{DM} = 547 \text{DM} \checkmark$$

$$666 \text{DM} - 38 \text{DM} = 628 \text{DM} \checkmark$$

$$184 \text{DM} - 48 \text{DM} = 136 \text{DM} \checkmark$$

$$\underline{47)} 283 - 60 = 223 \quad \underline{48)} 671 - 49 = 622 \checkmark$$

$$283 - 67 = 216 \checkmark \quad 394 - 65 = 329 \checkmark$$

$$476 - 40 = 436 \checkmark \quad 562 - 38 = 524 \checkmark$$

$$476 - 49 = 427 \checkmark \quad 856 - 77 = 779 \checkmark$$

$$154 - 30 = 124 \checkmark \quad 485 - 56 = 429 \checkmark$$

$$154 - 35 = 119 \checkmark \quad 793 - 84 = 709 \checkmark$$

$$\underline{(36)} 416 + 8 = 424 \quad \underline{(36)} 626 + 8 = 634 \checkmark \text{ 8.11.1963}$$

$$416 + 18 = 434 \checkmark \quad 626 + 18 = 644 \checkmark$$

$$416 + 28 = 444 \checkmark \quad 626 + 28 = 654 \checkmark$$

$$416 + 38 = 454 \checkmark \quad 626 + 38 = 664 \checkmark$$

$$416 + 48 = 464 \checkmark \quad 626 + 48 = 674 \checkmark$$

$$416 + 58 = 474 \checkmark \quad 626 + 58 = 684 \checkmark$$

$$\underline{(36)} 836 + 8 = 844 \quad \underline{(50)} 472 \mp 9 = 463 \checkmark$$

$$836 + 18 = 854 \checkmark \quad 472 \mp 19 = 453 \checkmark$$

$$836 + 28 = 864 \checkmark \quad 472 \mp 29 = 443 \checkmark$$

$$836 + 38 = 874 \checkmark \quad 472 \mp 39 = 433 \checkmark$$

$$836 + 48 = 884 \checkmark \quad 472 - 49 = 423 \checkmark$$

$$836 + 58 = 894 \checkmark \quad 472 - 59 = 413 \checkmark$$

$$\underline{150} 782 - 9 = 773 \quad \underline{50} 992 - 9 = 983 \checkmark$$

$$782 - 19 = 763 \checkmark \quad 992 - 19 = 973 \checkmark$$

$$782 - 29 = 753 \checkmark \quad 992 - 29 = 963 \checkmark$$

$$782 - 39 = 743 \checkmark \quad 992 - 39 = 953 \checkmark$$

$$782 - 49 = 733 \checkmark \quad 992 - 49 = 943 \checkmark$$

$$782 - 59 = 723 \checkmark \quad 992 - 59 = 933 \checkmark$$

$$\underline{2} 60 \text{ kg} + 80 \text{ kg} = 140 \text{ kg} \checkmark$$

$$67 \text{ kg} + 80 \text{ kg} = 147 \text{ kg} \checkmark$$

$$67 \text{ kg} + 85 \text{ kg} = 152 \text{ kg} \checkmark$$

$$90 \text{ kg} + 30 \text{ kg} = 120 \text{ kg} \checkmark$$

$$98 \text{ kg} + 30 \text{ kg} = 128 \text{ kg} \checkmark$$

$$98 \text{ kg} + 37 \text{ kg} = 135 \text{ kg} \checkmark$$

$$76 \text{ kg} + 50 \text{ kg} = 126 \text{ kg} \checkmark$$

$$76 \text{ kg} + 58 \text{ kg} = 134 \text{ kg} \checkmark$$

$$\underline{3} 40 + 70 = 110 \quad \underline{3} 72 + 50 = 122 \checkmark$$

$$43 + 70 = 113 \checkmark \quad 72 + 54 = 126 \checkmark$$

$$43 + 76 = 119 \checkmark \quad 59 + 60 = 119 \checkmark$$

$$70 + 50 = 120 \checkmark \quad 59 + 63 = 122 \checkmark$$

$$\underline{4} 84 + 53 = 137 \quad \underline{5} 88 + 66 = 144 \checkmark$$

$$84 + 59 = 143 \checkmark \quad 87 + 66 = 153 \checkmark$$

$$66 + 62 = 128 \checkmark \quad 94 + 66 = 160 \checkmark$$

$$66 + 67 = 133 \checkmark \quad 69 + 66 = 135 \checkmark$$

$$57 + 73 = 130 \checkmark \quad 75 + 66 = 141 \checkmark$$

$$57 + 79 = 136 \checkmark \quad 84 + 66 = 150 \checkmark$$

$$38 + 41 = 79 \checkmark \quad 97 + 66 = 163 \checkmark$$

$$38 + 46 = 84 \checkmark \quad 59 + 66 = 125 \checkmark$$

$$\underline{5} 78 + 88 = 166 \checkmark$$

$$87 + 88 = 175 \checkmark$$

$$94 + 88 = 182 \checkmark$$

$$69 + 88 = 157 \checkmark$$

$$75 + 88 = 163 \checkmark$$

$$84 + 88 = 172 \checkmark$$

$$97 + 88 = 185 \checkmark$$

$$59 + 88 = 147 \checkmark$$

y

$$5) 78 + 49 = 127$$

$$87 + 49 = 136$$

$$94 + 49 = 143$$

$$69 + 49 = 118$$

$$75 + 49 = 124$$

$$84 + 49 = 133$$

$$97 + 49 = 146$$

$$59 + 49 = 108$$

$$6) 88 + 40 = 128$$

$$88 + 47 = 135$$

$$67 + 80 = 147$$

$$67 + 86 = 153$$

$$46 + 90 = 136$$

$$46 + 99 = 145$$

$$72 + 40 = 112$$

$$72 + 49 = 121$$

$$11) 124 - 60 = 64$$

$$124 - 62 = 62$$

$$124 - 67 =$$

$$148 - 90 =$$

$$148 - 95 =$$

$$148 - 99 =$$

$$117 - 80 =$$

$$117 - 88 =$$

Astrid Pflüger

Klasse: 3a

3. Schuljahr

2. Rechenheft

$$\underline{5)} 78 + 49 = 127 \quad \underline{6)} 88 + 40 = 128 \checkmark$$

$$87 + 49 = 136 \checkmark \quad 88 + 47 = 135 \checkmark$$

$$94 + 49 = 143 \checkmark \quad 67 + 80 = 147 \checkmark$$

$$69 + 49 = 118 \checkmark \quad 67 + 86 = 153 \checkmark$$

$$75 + 49 = 124 \checkmark \quad 46 + 90 = 136 \checkmark$$

$$84 + 49 = 133 \checkmark \quad 46 + 99 = 145 \checkmark$$

$$97 + 49 = 146 \checkmark \quad 72 + 40 = 112 \checkmark$$

$$59 + 49 = 108 \checkmark \quad 72 + 49 = 121 \checkmark$$

$$\underline{11)} 124 \text{ kg} - 60 \text{ kg} = 64 \text{ kg} \checkmark$$

$$124 \text{ kg} - 62 \text{ kg} = 62 \text{ kg} \checkmark$$

$$124 \text{ kg} - 67 \text{ kg} = 57 \text{ kg} \checkmark$$

$$148 \text{ kg} - 90 \text{ kg} = 58 \text{ kg} \checkmark$$

$$148 \text{ kg} - 95 \text{ kg} = 53 \text{ kg} \checkmark$$

$$148 \text{ kg} - 99 \text{ kg} = 49 \text{ kg} \checkmark$$

$$117 \text{ kg} - 80 \text{ kg} = 37 \text{ kg} \checkmark$$

$$117 \text{ kg} - 88 \text{ kg} = 29 \text{ kg} \checkmark$$

$12) 130 - 80 = 50 \quad 3) 167 - 93 = 74 \checkmark$

$136 - 80 = 56 \checkmark \quad 167 - 98 = 69 \checkmark$

$136 - 87 = 49 \checkmark \quad 104 - 33 = 71 \checkmark$

$150 - 60 = 90 \checkmark \quad 104 - 39 = 65 \checkmark$

$154 - 60 = 94 \checkmark \quad 122 - 71 = 51 \checkmark$

$154 - 68 = 86 \checkmark \quad 122 - 76 = 46 \checkmark$

$106 - 40 = 66 \checkmark \quad 151 - 60 = 91 \checkmark$

$106 - 49 = 57 \checkmark \quad 151 - 64 = 87 \checkmark$

$14) 127 - 55 = 72 \quad 14) 127 - 48 = 79 \checkmark$

$105 - 55 = 50 \checkmark \quad 105 - 48 = 57 \checkmark$

$138 - 55 = 83 \checkmark \quad 138 - 48 = 90 \checkmark$

$154 - 55 = 99 \checkmark \quad 154 - 48 = 106 \checkmark$

$119 - 55 = 64 \checkmark \quad 119 - 48 = 71 \checkmark$

$146 - 55 = 91 \checkmark \quad 146 - 48 = 98 \checkmark$

$122 - 55 = 67 \checkmark \quad 122 - 48 = 74 \checkmark$

$109 - 55 = 54 \checkmark \quad 109 - 48 = 61 \checkmark$

$14) 127 - 76 = 51 \quad 14) 127 - 87 = 40 \checkmark$

$105 - 76 = 29 \checkmark \quad 105 - 87 = 18 \checkmark$

$138 - 76 = 62 \checkmark \quad 138 - 87 = 51 \checkmark$

$154 - 76 = 78 \checkmark \quad 154 - 87 = 67 \checkmark$

$119 - 76 = 43 \checkmark \quad 119 - 87 = 32 \checkmark$

$146 - 76 = 70 \checkmark \quad 146 - 87 = 59 \checkmark$

$122 - 76 = 46 \checkmark \quad 122 - 87 = 35 \checkmark$

$109 - 76 = 33 \checkmark \quad 109 - 87 = 22 \checkmark$

$14) 127 - 94 = 33 \checkmark$

$105 - 94 = 11 \checkmark$

$138 - 94 = 44 \checkmark$

$154 - 94 = 60 \checkmark$

$119 - 94 = 25 \checkmark$

$146 - 94 = 52 \checkmark$

$122 - 94 = 28 \checkmark$

$109 - 94 = 15 \checkmark$

$$\underline{18)} 78 + 54 - 26 = 106 \checkmark$$

$$83 + 65 - 58 = 90 \checkmark$$

$$69 + 43 - 35 = 77 \checkmark$$

$$97 + 72 - 84 = 85 \checkmark$$

$$56 + 58 - 27 = 87 \checkmark$$

$$\underline{14)} 127 - 78 = 49 \quad \underline{15)} 140 - 70 = 70 \checkmark$$

$$105 - 78 = 27 \checkmark \quad 143 - 73 = 70 \checkmark$$

$$138 - 78 = 60 \checkmark \quad 143 - 76 = 67 \checkmark$$

$$154 - 78 = 76 \checkmark \quad 100 - 44 = 56 \checkmark$$

$$119 - 78 = 41 \checkmark \quad 107 - 57 = 50 \checkmark$$

$$146 - 78 = 68 \checkmark \quad 107 - 21 = 86 \checkmark$$

$$122 - 78 = 44 \checkmark \quad 126 - 60 = 66 \checkmark$$

$$109 - 78 = 31 \checkmark \quad 126 - 57 = 69 \checkmark$$

$$\underline{19)} 128 - 49 + 63 = 142 \checkmark$$

$$147 - 68 + 49 = 128 \checkmark$$

$$161 - 72 + 32 = 121 \checkmark$$

$$154 - 87 + 55 = 122 \checkmark$$

$$106 - 39 + 47 = 114 \checkmark$$

$$\underline{20)} 188 - 29 - 66 = 93 \checkmark$$

$$134 - 76 + 79 = 137 \checkmark$$

$$111 + 37 - 56 = 92 \checkmark$$

$$155 - 66 + 23 = 112 \checkmark$$

$$161 + 24 - 91 = 94 \checkmark$$

$$\underline{21)} 126 + 39 - 72 = 93 \checkmark$$

$$126 - 39 + 72 = 159 \checkmark$$

$$126 - 39 - 72 = 15 \checkmark$$

$$181 - 99 + 13 = 95 \checkmark$$

$$181 - 99 - 13 = 69 \checkmark$$

$$\underline{25)} 777$$

$$777$$

$$395$$

$$395$$

$$165$$

$$165$$

$$\underline{25)} 777 + 82 = 859 \quad \underline{26)} 275 + 39 = 314 \quad \underline{33)} 530 - 70 = 460 \quad \underline{34)} 418 - 74 = 344$$

$$777 + 88 = 865 \quad 578 + 58 = 636 \quad 534 - 70 = 464 \quad 418 - 79 = 339$$

$$395 + 34 = 429 \quad 765 + 96 = 861 \quad 534 - 75 = 459 \quad 746 - 52 = 694$$

$$395 + 37 = 432 \quad 886 + 69 = 955 \quad 850 - 90 = 760 \quad 746 - 58 = 688$$

$$156 + 62 = 218 \quad 347 + 75 = 422 \quad 856 - 90 = 766 \quad 924 - 63 = 861$$

$$156 + 67 = 223 \quad 894 + 47 = 941 \quad 856 - 97 = 759 \quad 924 - 67 = 857$$

$$266 + 53 = 319 \quad 173 + 69 = 242 \quad 425 - 70 = 355 \quad 238 - 81 = 157$$

$$266 + 59 = 325 \quad 444 + 77 = 521 \quad 425 - 78 = 347 \quad 238 - 89 = 149$$

$$\underline{30)} 259 + 74 = 333$$

$$74 + 259 = 333$$

$$468 + 68 = 536$$

$$68 + 468 = 536$$

$$49 + 333 = 382$$

$$73 + 286 = 359$$

$$74 + 548 = 622$$

$$47 + 659 = 706$$

$$86 + 325 = 411$$

$$68 + 872 = 940$$

$$93 + 438 = 531$$

$$39 + 776 = 815$$

$$\underline{40)} 488 + 27 - 46 = 469$$

$$769 + 49 - 28 = 790$$

$$593 + 36 - 55 = 574$$

$$1 \text{ Dubzond} = 12 \text{ Stck}$$

$$1 \text{ Dtrzd} = 12 \text{ Stck.}$$

$$1 \text{ Dtrzd} = 12 \text{ Stck.}$$

$$2 \text{ Dtrzd} = 24 \text{ Stck.}$$

$$3 \text{ Dtrzd} = 36 \text{ Stck.}$$

$$4 \text{ Dtrzd} = 48 \text{ Stck.}$$

$$5 \text{ Dtrzd} = 60 \text{ Stck.}$$

$$6 \text{ Dtrzd} = 72 \text{ Stck.}$$

$$7 \text{ Dtrzd} = 84 \text{ Stck.}$$

$$8 \text{ Dtrzd} = 96 \text{ Stck.}$$

$$9 \text{ Dtrzd} = 108 \text{ Stck.}$$

$$10 \text{ Dtrzd} = 120 \text{ Stck.}$$

$$\underline{4)} 4 \cdot 12 \text{ Stck.} = 48 \text{ Stck.} \checkmark$$

$$6 \cdot 12 \text{ Stck.} = 72 \text{ Stck.} \checkmark$$

$$8 \cdot 12 \text{ Stck.} = 96 \text{ Stck.} \checkmark$$

$$2 \cdot 12 \text{ Stck.} = 24 \text{ Stck.} \checkmark$$

$$9 \cdot 12 \text{ Stck.} = 108 \text{ Stck.} \checkmark$$

$$5 \cdot 12 \text{ Stck.} = 60 \text{ Stck.} \checkmark$$

$$\underline{3)} 7 \text{ Dtrzd.} = 84 \text{ Stck.} \checkmark \quad \underline{5)} 7 \cdot 12 - 9 = 75 \checkmark$$

$$2 \text{ Dtrzd.} = 24 \text{ Stck.} \checkmark \quad 10 \cdot 12 - 9 = 111 \checkmark$$

$$5 \text{ Dtrzd.} = 60 \text{ Stck.} \checkmark \quad 3 \cdot 12 - 9 = 27 \checkmark$$

$$9 \text{ Dtrzd.} = 108 \text{ Stck.} \checkmark \quad 6 \cdot 12 - 9 = 63 \checkmark$$

$$3 \text{ Dtrzd.} = 36 \text{ Stck.} \checkmark \quad 8 \cdot 12 - 9 = 87 \checkmark$$

$$10 \text{ Dtrzd.} = 120 \text{ Stck.} \checkmark \quad 5 \cdot 12 - 9 = 51 \checkmark$$

$$4 \text{ Dtrzd.} = 48 \text{ Stck.} \checkmark$$

$$6 \text{ Dtrzd.} = 72 \text{ Stck.} \checkmark$$

$$\underline{5)} 7 \cdot 12 + 8 = 92 \checkmark$$

$$10 \cdot 12 + 8 = 128 \checkmark$$

$$3 \cdot 12 + 8 = 44 \checkmark$$

$$6 \cdot 12 + 8 = 80 \checkmark$$

$$8 \cdot 12 + 8 = 104 \checkmark$$

$$5 \cdot 12 + 8 = 68 \checkmark$$

7

$$\underline{48) 378 + 86 = 464} \quad \underline{48) 529 - 68 = 461}$$

$$576 + 86 = 662 \quad 834 - 68 = 766 \quad 75 = 6 \cdot 12 + 3$$

$$268 + 86 = 354 \quad 416 - 68 = 348 \quad 48 = 4 \cdot 12$$

$$859 + 86 = 945 \quad 705 - 68 = 637 \quad 50 = 4 \cdot 12 + 2$$

$$693 + 86 = 779 \quad 641 - 68 = 573 \quad 96 = 8 \cdot 12$$

$$489 + 86 = 575 \quad 512 - 68 = 444 \quad 100 = 8 \cdot 12 + 4$$

$$185 + 86 = 271 \quad 922 - 68 = 854$$

$$777 + 86 = 863 \quad 801 - 68 = 733$$

$$\underline{7) 12 \text{ in } 60 = 5 \text{ mal}}$$

$$12 \text{ in } 70 = 5 \text{ mal R. } 10$$

$$12 \text{ in } 36 = 3 \text{ mal}$$

$$12 \text{ in } 40 = 3 \text{ mal R. } 4$$

$$12 \text{ in } 84 = 7 \text{ mal}$$

$$12 \text{ in } 90 = 7 \text{ mal R. } 6$$

$$\underline{48) 529 - 76 = 453}$$

$$834 - 76 = 758$$

$$416 - 76 = 340$$

$$705 - 76 = 629$$

$$641 - 76 = 565$$

$$512 - 76 = 436$$

$$922 - 76 = 846$$

$$801 - 76 = 725$$

$$\underline{8) 2 \text{ in } 24 = 12 \text{ mal}}$$

$$3 \text{ in } 24 = 8 \text{ mal}$$

$$4 \text{ in } 24 = 6 \text{ mal}$$

$$6 \text{ in } 24 = 4 \text{ mal}$$

$$8 \text{ in } 24 = 3 \text{ mal}$$

$$12 \text{ in } 24 = 2 \text{ mal}$$

$$\underline{10)} 40 \text{ Stck.} = 3 \text{ Dtxd. } 4 \text{ Stck.} \checkmark$$

$$55 \text{ Stck.} = 4 \text{ Dtxd. } 7 \text{ Stck.} \checkmark$$

$$28 \text{ Stck.} = 2 \text{ Dtxd. } 4 \text{ Stck.} \checkmark$$

$$49 \text{ Stck.} = 4 \text{ Dtxd. } 1 \text{ Stck.} \checkmark$$

$$18 \text{ Stck.} = 1 \text{ Dtxd. } 6 \text{ Stck.} \checkmark$$

$$51 \text{ Stck.} = 4 \text{ Dtxd. } 3 \text{ Stck.} \checkmark$$

$$103 \text{ Stck.} = 8 \text{ Dtxd. } 7 \text{ Stck.} \checkmark$$

$$117 \text{ Stck.} = 9 \text{ Dtxd. } 9 \text{ Stck.} \checkmark$$

$$\underline{48)} 378 + 67 = 445 \quad \underline{48)} 529 - 93 = 436 \checkmark$$

$$576 + 67 = 643 \checkmark \quad 834 - 93 = 741 \checkmark$$

$$268 + 67 = 335 \checkmark \quad 416 - 93 = 323 \checkmark$$

$$859 + 67 = 926 \checkmark \quad 705 - 93 = 612 \checkmark$$

$$693 + 67 = 760 \checkmark \quad 641 - 93 = 548 \checkmark$$

$$489 + 67 = 556 \checkmark \quad 512 - 93 = 419 \checkmark$$

$$185 + 67 = 252 \checkmark \quad 922 - 93 = 829 \checkmark$$

$$777 + 67 = 844 \checkmark \quad 801 - 93 = 708 \checkmark$$

$$\underline{13)} 5 \cdot 15 \text{ Pf} = 75 \text{ Pf} \checkmark$$

$$3 \cdot 15 \text{ Pf} = 45 \text{ Pf} \checkmark$$

$$8 \cdot 15 \text{ Pf} = 120 \text{ Pf} \checkmark$$

$$6 \cdot 15 \text{ Pf} = 90 \text{ Pf} \checkmark$$

$$9 \cdot 15 \text{ Pf} = 135 \text{ Pf} \checkmark$$

$$4 \cdot 15 \text{ Pf} = 60 \text{ Pf} \checkmark$$

$$\underline{14)} 7 \cdot 15 + 7 = 112 \checkmark$$

$$2 \cdot 15 + 7 = 37 \checkmark$$

$$10 \cdot 15 + 7 = 157 \checkmark$$

$$8 \cdot 15 + 7 = 127 \checkmark$$

$$1 \cdot 15 + 7 = 22 \checkmark$$

$$6 \cdot 15 + 7 = 97 \checkmark$$

$$\underline{14)} 7 \cdot 15 - 6 = 99 \checkmark$$

$$2 \cdot 15 - 6 = 24 \checkmark$$

$$10 \cdot 15 - 6 = 144 \checkmark$$

$$8 \cdot 15 - 6 = 114 \checkmark$$

$$1 \cdot 15 - 6 = 9 \checkmark$$

$$6 \cdot 15 - 6 = 84 \checkmark$$

$$\underline{15)} 75 = 5 \cdot 15 \checkmark$$

$$80 = 5 \cdot 15 + 5 \checkmark$$

$$45 = 3 \cdot 15 \checkmark$$

$$50 = 3 \cdot 15 + 5 \checkmark$$

$$90 = 6 \cdot 15 \checkmark$$

$$100 = 6 \cdot 15 + 10 \checkmark \quad 7$$

$$\underline{16)} 15 \text{ in } 30 = 2 \text{ mal}$$

$$15 \text{ in } 135 = 9 \text{ mal}$$

$$15 \text{ in } 45 = 3 \text{ mal}$$

$$15 \text{ in } 120 = 8 \text{ mal}$$

$$15 \text{ in } 75 = 5 \text{ mal}$$

$$15 \text{ in } 105 = 7 \text{ mal}$$

$$\underline{17)} 15 \text{ in } 45 = 3 \text{ mal}$$

$$15 \text{ in } 55 = 3 \text{ mal R. } 10$$

$$15 \text{ in } 135 = 9 \text{ mal}$$

$$15 \text{ in } 142 = 9 \text{ mal R. } 7$$

$$15 \text{ in } 120 = 8 \text{ mal}$$

$$15 \text{ in } 140 = 9 \text{ mal R. } 5$$

$$\underline{19)} 5 \text{ in } 30 = 6 \text{ mal} \quad \underline{20)} 12 \text{ in } 60 = 5 \text{ mal}$$

$$6 \text{ in } 30 = 5 \text{ mal} \quad 15 \text{ in } 60 = 4 \text{ mal}$$

$$10 \text{ in } 30 = 3 \text{ mal} \quad 20 \text{ in } 60 = 3 \text{ mal}$$

$$15 \text{ in } 30 = 2 \text{ mal} \quad 30 \text{ in } 60 = 2 \text{ mal}$$

$$\underline{21)} 9 \text{ in } 90 = 10 \text{ mal} \quad \underline{22)} 15 \text{ in } 120 = 8 \text{ mal}$$

$$10 \text{ in } 90 = 9 \text{ mal} \quad 20 \text{ in } 120 = 6 \text{ mal}$$

$$15 \text{ in } 90 = 6 \text{ mal} \quad 30 \text{ in } 120 = 4 \text{ mal}$$

$$30 \text{ in } 90 = 3 \text{ mal} \quad 40 \text{ in } 120 = 3 \text{ mal}$$

$$\underline{23)} 15 \text{ in } 150 = 10 \text{ mal}$$

$$30 \text{ in } 150 = 5 \text{ mal}$$

$$50 \text{ in } 150 = 3 \text{ mal}$$

$$50 \text{ in } 300 = 6 \text{ mal}$$

$$\underline{29)} 7 \cdot 25 \text{ Pf} = 175 \text{ Pf} \checkmark$$

$$4 \cdot 25 \text{ Pf} = 100 \text{ Pf} \checkmark$$

$$9 \cdot 25 \text{ Pf} = 225 \text{ Pf} \checkmark$$

$$3 \cdot 25 \text{ Pf} = 75 \text{ Pf} \checkmark$$

$$8 \cdot 25 \text{ Pf} = 200 \text{ Pf} \checkmark$$

$$6 \cdot 25 \text{ Pf} = 150 \text{ Pf} \checkmark$$

$$\underline{30)} 10 \cdot 25 + 8 = 258 \checkmark$$

$$5 \cdot 25 + 8 = 133 \checkmark$$

$$2 \cdot 25 + 8 = 58 \checkmark$$

$$8 \cdot 25 + 8 = 208 \checkmark$$

$$4 \cdot 25 + 8 = 108 \checkmark$$

$$7 \cdot 25 + 8 = 183 \checkmark$$

$$\underline{30)} 10 \cdot 25 - 10 = 140 \checkmark \quad 240$$

$$5 \cdot 25 - 10 = 115 \checkmark$$

$$2 \cdot 25 - 10 = 40 \checkmark$$

$$8 \cdot 25 - 10 = 190 \checkmark$$

$$4 \cdot 25 - 10 = 90 \checkmark$$

$$7 \cdot 25 - 10 = 165 \checkmark$$

$$\underline{31)} 75 = 3 \cdot 25 \quad \underline{33)} 50 = 10 \cdot 5 \checkmark$$

$$175 = 7 \cdot 25 \checkmark \quad 50 = 5 \cdot 10 \checkmark$$

$$250 = 10 \cdot 25 \checkmark \quad 50 = 2 \cdot 25 \checkmark$$

$$100 = 4 \cdot 25 \checkmark \quad 100 = 5 \cdot 20 \checkmark$$

$$200 = 8 \cdot 25 \checkmark \quad 100 = 4 \cdot 25 \checkmark$$

$$125 = 5 \cdot 25 \checkmark \quad 100 = 2 \cdot 50 \checkmark$$

7

35) 25 Pf in 125 = 5 mal;
25 Pf in 75 = 3 mal;
25 Pf in 200 = 8 mal
25 Pf in 250 = 10 mal
25 Pf in 175 = 7 mal
25 Pf in 225 = 9 mal

Astrid Pflüger

Klasse: 3a

3. Schuljahr

4. Rechenheft

Nr. 10

80 g holzfrei

35 | 25 Pf in 125 Pf = 5 mal; denn $5 \cdot 25 \text{ Pf} = 125 \text{ Pf}$
25 Pf in 75 Pf = 3 mal; denn $3 \cdot 25 \text{ Pf} = 75 \text{ Pf}$
25 Pf in 200 Pf = 8 mal; denn $8 \cdot 25 \text{ Pf} = 200 \text{ Pf}$
25 Pf in 250 Pf = 10 mal; denn $10 \cdot 25 \text{ Pf} = 250 \text{ Pf}$
25 Pf in 175 Pf = 7 mal; denn $7 \cdot 25 \text{ Pf} = 175 \text{ Pf}$
25 Pf in 225 Pf = 9 mal; denn $9 \cdot 25 \text{ Pf} = 225 \text{ Pf}$

36 | 25 in 150 = 6 mal ✓ $36 | 25 \text{ in } 185 = 7 \text{ mal } R. 10 \checkmark$
25 in 170 = 6 mal R. 20 ✓ $25 \text{ in } 200 = 8 \text{ mal } \checkmark$
25 in 175 = 7 mal ✓ $\rightarrow 25 \text{ in } 210 = 8 \text{ mal } R. 10 \checkmark$

$$\underline{37} \overline{)25 \text{ in } 100} = 4 \text{ mal } \checkmark$$

$$25 \text{ in } 108 = 4 \text{ mal R. } 8 \checkmark$$

$$25 \text{ in } 125 = 5 \text{ mal } \checkmark$$

$$25 \text{ in } 130 = 5 \text{ mal R. } 5 \checkmark$$

$$25 \text{ in } 225 = 9 \text{ mal } \checkmark$$

$$25 \text{ in } 235 = 9 \text{ mal R. } 10 \checkmark$$

$$\underline{38} \overline{)20 \text{ in } 150} = 7 \text{ mal R. } 10 \checkmark$$

$$25 \text{ in } 150 = 6 \text{ mal } \checkmark$$

$$30 \text{ in } 150 = 5 \text{ mal } \checkmark$$

$$40 \text{ in } 150 = 3 \text{ mal R. } 30 \checkmark$$

$$50 \text{ in } 150 = 3 \text{ mal } \checkmark$$

$$100 \text{ in } 150 = 1 \text{ mal R. } 50 \checkmark$$

$$\underline{42} \overline{)50 \text{ in } 100} = 2 \text{ mal } \checkmark$$

$$50 \text{ in } 100 = 2 \text{ mal } \checkmark$$

$$50 \text{ in } 200 = 4 \text{ mal } \checkmark$$

$$50 \text{ in } 300 = 6 \text{ mal } \checkmark$$

$$50 \text{ in } 400 = 8 \text{ mal } \checkmark$$

$$50 \text{ in } 500 = 10 \text{ mal } \checkmark$$

$$\underline{41} \overline{)25 \text{ in } 100} = 4 \text{ mal } \checkmark$$

$$25 \text{ in } 100 = 4 \text{ mal } \checkmark$$

$$25 \text{ in } 200 = 8 \text{ mal } \checkmark$$

$$25 \text{ in } 300 = 12 \text{ mal } \checkmark$$

$$25 \text{ in } 400 = 16 \text{ mal } \checkmark$$

$$25 \text{ in } 500 = 20 \text{ mal } \checkmark$$

$$25 \text{ in } 600 = 24 \text{ mal } \checkmark$$

$$25 \text{ in } 700 = 28 \text{ mal } \checkmark$$

$$25 \text{ in } 800 = 32 \text{ mal } \checkmark$$

$$25 \text{ in } 900 = 36 \text{ mal } \checkmark$$

$$25 \text{ in } 1000 = 40 \text{ mal } \checkmark$$

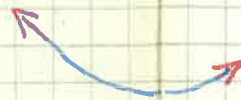
$$\underline{42} \overline{)50 \text{ in } 600} = 12 \text{ mal } \checkmark$$

$$50 \text{ in } 700 = 14 \text{ mal } \checkmark$$

$$50 \text{ in } 800 = 16 \text{ mal } \checkmark$$

$$50 \text{ in } 900 = 18 \text{ mal } \checkmark$$

$$50 \text{ in } 1000 = 20 \text{ mal } \checkmark$$



43) 25 in 200 = 8 mal ✓

50 in 200 = 4 mal ✓

100 in 200 = 2 mal ✓

25 in 300 = 12 mal ✓

50 in 300 = 6 mal ✓

100 in 300 = 3 mal ✓

45) 4 · 11 = 44 ✓ 45) 11 in 55 = 5 mal ✓

4 · 12 = 48 ✓ 12 in 55 = 4 mal R. 7 ✓

4 · 15 = 60 ✓ 15 in 55 = 3 mal R. 10 ✓

7 · 11 = 77 ✓ 11 in 72 = 6 mal R. 8 ✓

7 · 12 = 84 ✓ 12 in 72 = 6 mal ✓

7 · 15 = 105 ✓ 15 in 72 = 4 mal R. 12 ✓

9 · 11 = 99 ✓ 11 in 90 = 8 mal R. 2 ✓

9 · 12 = 108 ✓ 12 in 90 = 7 mal R. 6 ✓

9 · 15 = 135 ✓ ↗ 15 in 90 = 6 mal ✓

1) 60 + 50 = 110 ✓

60 + 80 = 140 ✓

60 + 60 = 120 ✓

60 + 90 = 150 ✓

60 + 70 = 130 ✓

60 + 82 = 142 ✓

60 + 36 = 96 ✓

60 + 52 = 112 ✓

60 + 93 = 153 ✓

60 + 39 = 99 ✓

60 + 46 = 106 ✓

60 + 64 = 124 ✓

60 + 28 = 88 ✓

60 + 82 = 142 ✓

2) 50 + 70 = 120 ✓

2) 50 + 94 = 144

50 + 90 = 140

50 + 66 = 116

50 + 60 = 110

50 + 82 = 132

50 + 80 = 130

50 + 35 = 85

50 + 30 = 80

50 + 53 = 103

50 + 50 = 100

50 + 77 = 127

50 + 76 = 126 ↗

50 + 91 = 141

3) $40 + 80 = 120$ 4) $90 + 20 = 110$ ✓
 $40 + 70 = 110$ $90 + 50 = 140$ ✓
 $40 + 90 = 130$ $90 + 80 = 170$ ✓
 $40 + 65 = 105$ $90 + 30 = 120$ ✓
 $40 + 48 = 88$ $90 + 70 = 160$ ✓
 $40 + 84 = 124$ $90 + 40 = 130$ ✓
 $40 + 93 = 133$ $90 + 25 = 115$ ✓
 $40 + 57 = 97$ $90 + 36 = 126$ ✓
 $40 + 79 = 119$ $90 + 72 = 162$ ✓
 $40 + 87 = 127$ $90 + 27 = 117$ ✓
 $40 + 78 = 118$ $90 + 63 = 153$ ✓
 $40 + 95 = 135$ $90 + 58 = 148$ ✓
 $40 + 68 = 108$ $90 + 84 = 174$ ✓
 $40 + 99 = 139$ $90 + 96 = 186$ ✓

f

2) $6 \cdot 16 \text{ kg} = 60 + 36 = 96 \text{ kg}$ ✓
 $9 \cdot 13 \text{ kg} = 90 + 27 = 117 \text{ kg}$ ✓
 $4 \cdot 17 \text{ kg} = 40 + 28 = 68 \text{ kg}$ ✓
 $7 \cdot 19 \text{ kg} = 70 + 63 = 133 \text{ kg}$ ✓
 $8 \cdot 18 \text{ kg} = 80 + 64 = 144 \text{ kg}$ ✓
 $3 \cdot 14 \text{ kg} = 30 + 12 = 42 \text{ kg}$ ✓
 $7 \cdot 17 \text{ kg} = 70 + 49 = 119 \text{ kg}$ ✓
 $8 \cdot 19 \text{ kg} = 80 + 72 = 152 \text{ kg}$ ✓

3) $8 \cdot 17 = 80 + 56 = 136$ ✓
 $4 \cdot 19 = 40 + 36 = 76$ ✓
 $7 \cdot 16 = 70 + 42 = 112$ ✓
 $5 \cdot 14 = 50 + 20 = 70$ ✓
 $10 \cdot 18 = 100 + 80 = 180$ ✓
 $7 \cdot 18 = 70 + 56 = 126$ ✓
 $3 \cdot 19 = 30 + 27 = 57$ ✓
 $6 \cdot 17 = 60 + 42 = 102$ ✓

$$\begin{aligned} \underline{4)5} \cdot 18 &= 50 + 40 = \underline{90} \\ 3 \cdot 16 &= 30 + 18 = \underline{48} \\ 8 \cdot 14 &= 80 + 32 = \underline{112} \\ 7 \cdot 13 &= 70 + 21 = \underline{91} \\ 5 \cdot 17 &= 50 + 35 = \underline{85} \\ 9 \cdot 19 &= 90 + 81 = \underline{171} \\ 8 \cdot 18 &= 80 + 64 = \underline{144} \\ 10 \cdot 13 &= 100 + 30 = \underline{130} \end{aligned}$$

$$\begin{aligned} \underline{5)9} \cdot 12 &= 90 + 18 = \underline{108} \\ 9 \cdot 14 &= 90 + 36 = \underline{126} \\ 9 \cdot 18 &= 90 + 72 = \underline{162} \\ 9 \cdot 16 &= 90 + 54 = \underline{144} \\ 7 \cdot 15 &= 70 + 35 = \underline{105} \\ 7 \cdot 17 &= 70 + 49 = \underline{119} \\ 7 \cdot 19 &= 70 + 63 = \underline{133} \\ 7 \cdot 13 &= 70 + 21 = \underline{91} \end{aligned}$$

$$\begin{aligned} \underline{6)6} \cdot 16 &= 60 + 36 = \underline{96} \checkmark \\ 6 \cdot 18 &= 60 + 48 = \underline{108} \checkmark \\ 6 \cdot 13 &= 60 + 18 = \underline{78} \checkmark \\ 6 \cdot 17 &= 60 + 42 = \underline{102} \checkmark \\ 8 \cdot 19 &= 80 + 72 = \underline{152} \checkmark \\ 8 \cdot 14 &= 80 + 32 = \underline{112} \checkmark \\ 8 \cdot 17 &= 80 + 56 = \underline{136} \checkmark \\ 8 \cdot 15 &= 80 + 40 = \underline{120} \checkmark \end{aligned}$$

$$\begin{aligned} \underline{7)3} \cdot 17 &= 30 + 21 = \underline{51} \checkmark \\ 5 \cdot 17 &= 50 + 35 = \underline{85} \checkmark \\ 9 \cdot 17 &= 90 + 63 = \underline{153} \checkmark \\ 6 \cdot 17 &= 60 + 42 = \underline{102} \checkmark \\ 8 \cdot 18 &= 80 + 64 = \underline{144} \checkmark \\ 4 \cdot 18 &= 40 + 32 = \underline{72} \checkmark \\ 7 \cdot 18 &= 70 + 56 = \underline{126} \checkmark \\ 5 \cdot 18 &= 50 + 40 = \underline{90} \checkmark \end{aligned}$$

7

$$\underline{11)} 6 \cdot 17 \text{ kg} = 60 + 42 = \underline{102 \text{ kg}} \checkmark$$

$$17 \cdot 6 \text{ kg} = 60 + 42 = \underline{102 \text{ kg}} \checkmark$$

$$17 \cdot 19 \text{ kg} = 70 + 63 = \underline{133 \text{ kg}} \checkmark$$

$$19 \cdot 7 \text{ kg} = 70 + 63 = \underline{133 \text{ kg}} \checkmark$$

$$5 \cdot 14 \text{ kg} = 50 + 20 = \underline{70 \text{ kg}} \checkmark$$

$$14 \cdot 5 \text{ kg} = 50 + 20 = \underline{70 \text{ kg}} \checkmark$$

$$8 \cdot 18 \text{ kg} = 80 + 64 = \underline{144 \text{ kg}} \checkmark$$

$$18 \cdot 8 \text{ kg} = 80 + 64 = \underline{144 \text{ kg}} \checkmark$$

$$\underline{12)} 3 \cdot 16 = 30 + 18 = \underline{48} \checkmark$$

$$16 \cdot 3 = 30 + 18 = \underline{48} \checkmark$$

$$6 \cdot 18 = 60 + 48 = \underline{108} \checkmark$$

$$18 \cdot 6 = 60 + 48 = \underline{108} \checkmark$$

$$10 \cdot 17 = 100 + 70 = \underline{170} \checkmark$$

$$17 \cdot 10 = 100 + 70 = \underline{170} \checkmark$$

$$10 \cdot 19 = 100 + 90 = \underline{190} \checkmark$$

$$19 \cdot 10 = 100 + 90 = \underline{190} \checkmark$$

$$\underline{15)} 18 \cdot 9 = 90 + 72 = \underline{162} \checkmark$$

$$8 \cdot 19 = 80 + 72 = \underline{152} \checkmark$$

$$17 \cdot 8 = 80 + 56 = \underline{136} \checkmark$$

$$7 \cdot 18 = 70 + 56 = \underline{126} \checkmark$$

$$15 \cdot 6 = 60 + 30 = \underline{90} \checkmark$$

$$5 \cdot 16 = 50 + 30 = \underline{80} \checkmark$$

$$14 \cdot 7 = 70 + 28 = \underline{98} \checkmark$$

$$4 \cdot 17 = 40 + 28 = \underline{68} \checkmark$$

$$\underline{16.a)} 4 \cdot 10 + 4 \cdot 4 = \underline{56} \checkmark$$

$$5 \cdot 10 + 5 \cdot 3 = \underline{65} \checkmark$$

$$9 \cdot 10 + 9 \cdot 7 = \underline{153} \checkmark$$

$$6 \cdot 10 + 6 \cdot 3 = \underline{78} \checkmark$$

$$\underline{16.b)} 6 \cdot 10 + 6 \cdot 8 = \underline{108} \checkmark$$

$$3 \cdot 10 + 3 \cdot 9 = \underline{57} \checkmark$$

$$8 \cdot 10 + 8 \cdot 7 = \underline{136} \checkmark$$

$$5 \cdot 10 + 5 \cdot 8 = \underline{90} \checkmark$$

7

$$\begin{aligned} \underline{22) 2} \cdot 81 &= 160 + 2 = \underline{162} \checkmark \\ 2 \cdot 35 &= 60 + 10 = \underline{70} \checkmark \\ 2 \cdot 72 &= 140 + 4 = \underline{144} \checkmark \\ 2 \cdot 22 &= 40 + 4 = \underline{44} \checkmark \\ 2 \cdot 94 &= 180 + 8 = \underline{188} \checkmark \\ 2 \cdot 19 &= 20 + 18 = \underline{38} \checkmark \\ 2 \cdot 55 &= 100 + 10 = \underline{110} \checkmark \\ 2 \cdot 41 &= 80 + 2 = \underline{82} \checkmark \end{aligned}$$

$$\begin{aligned} \underline{22) 4} \cdot 81 &= 320 + 4 = \underline{324} \checkmark \\ 4 \cdot 35 &= 120 + 20 = \underline{140} \checkmark \\ 4 \cdot 72 &= 280 + 8 = \underline{288} \checkmark \\ 4 \cdot 22 &= 80 + 8 = \underline{88} \checkmark \\ 4 \cdot 94 &= 360 + 16 = \underline{376} \checkmark \\ 4 \cdot 19 &= 40 + 36 = \underline{76} \checkmark \\ 4 \cdot 55 &= 200 + 20 = \underline{220} \checkmark \\ 4 \cdot 41 &= 160 + 4 = \underline{164} \checkmark \end{aligned}$$

$$\begin{aligned} \underline{22) 6} \cdot 81 &= 480 + 6 = \underline{486} \checkmark \\ 6 \cdot 35 &= 180 + 30 = \underline{210} \checkmark \\ 6 \cdot 72 &= 420 + 12 = \underline{432} \checkmark \\ 6 \cdot 22 &= 120 + 12 = \underline{132} \checkmark \\ 6 \cdot 94 &= 540 + 24 = \underline{564} \checkmark \\ 6 \cdot 19 &= 60 + 54 = \underline{114} \checkmark \\ 6 \cdot 55 &= 300 + 30 = \underline{330} \checkmark \\ 6 \cdot 41 &= 240 + 6 = \underline{246} \checkmark \end{aligned}$$

2.1) Kilogrammpreise

Äpfel..... 88 Pf

Birnen..... 64 Pf

Pflirsiche..... 96 Pf

Aprikosen... 98 Pf

Pflaumen... 48 Pf

Mirabellen... 72 Pf

Äpfel)..... $5 \cdot 88 \text{ Pf} = 400 \text{ Pf} + 40 \text{ Pf} = \underline{440 \text{ Pf}}$ ✓

Birnen)..... $5 \cdot 64 \text{ Pf} = 300 \text{ Pf} + 20 \text{ Pf} = \underline{320 \text{ Pf}}$ ✓

Pflirsiche)..... $5 \cdot 96 \text{ Pf} = 450 \text{ Pf} + 30 \text{ Pf} = \underline{480 \text{ Pf}}$ ✓

Aprikosen)..... $5 \cdot 98 \text{ Pf} = 450 \text{ Pf} + 40 \text{ Pf} = \underline{490 \text{ Pf}}$ ✓

Pflaumen)..... $5 \cdot 48 \text{ Pf} = 200 \text{ Pf} + 40 \text{ Pf} = \underline{240 \text{ Pf}}$ ✓

Mirabellen)..... $5 \cdot 72 \text{ Pf} = 350 \text{ Pf} + 10 \text{ Pf} = \underline{360 \text{ Pf}}$ ✓

$$\underline{23)3} \cdot 61 = 180 + 3 = \underline{183}$$

$$3 \cdot 16 = 30 + 18 = \underline{48}$$

$$3 \cdot 91 = 270 + 3 = \underline{273}$$

$$3 \cdot 75 = 210 + 15 = \underline{225}$$

$$3 \cdot 84 = 240 + 12 = \underline{252}$$

$$3 \cdot 63 = 180 + 9 = \underline{189}$$

$$3 \cdot 36 = 90 + 18 = \underline{108}$$

$$3 \cdot 52 = 150 + 6 = \underline{156}$$

$$\underline{23)5} \cdot 61 = 300 + 5 = \underline{305}$$

$$5 \cdot 16 = 50 + 30 = \underline{80}$$

$$5 \cdot 91 = 450 + 5 = \underline{455}$$

$$5 \cdot 75 = 350 + 25 = \underline{375}$$

$$5 \cdot 84 = 400 + 20 = \underline{420}$$

$$5 \cdot 63 = 300 + 15 = \underline{315}$$

$$5 \cdot 36 = 150 + 30 = \underline{180}$$

$$5 \cdot 52 = 250 + 10 = \underline{260}$$

$$\underline{23)7} \cdot 61 = 420 + 7 = \underline{427}$$

$$7 \cdot 16 = 70 + 42 = \underline{112}$$

$$7 \cdot 91 = 630 + 7 = \underline{637}$$

$$7 \cdot 75 = 490 + 35 = \underline{525}$$

$$7 \cdot 84 = 560 + 28 = \underline{588}$$

$$7 \cdot 63 = 420 + 21 = \underline{441}$$

$$7 \cdot 36 = 210 + 42 = \underline{252}$$

$$7 \cdot 52 = 350 + 14 = \underline{364}$$

$$\underline{27)4} \cdot 44 = 160 + 16 = \underline{176}$$

$$\underline{12} 4 \cdot 97 = 360 + 28 = \underline{388}$$

$$4 \cdot 76 = 280 + 24 = \underline{304}$$

$$4 \cdot 53 = 200 + 12 = \underline{212}$$

$$4 \cdot 66 = 240 + 24 = \underline{264}$$

$$4 \cdot 74 = 280 + 16 = \underline{296}$$

$$4 \cdot 82 = 320 + 8 = \underline{328}$$

$$4 \cdot 38 = 120 + 32 = \underline{152}$$

$$4 \cdot 95 = 360 + 20 = \underline{380}$$

$$4 \cdot 69 = 240 + 36 = \underline{276}$$

$$\begin{aligned} 27) 5 \cdot 44 &= 200 + 20 = \underline{220} \\ 2) 5 \cdot 97 &= 450 + 35 = \underline{485} \\ 5 \cdot 76 &= 350 + 30 = \underline{380} \\ 5 \cdot 53 &= 250 + 15 = \underline{265} \\ 5 \cdot 66 &= 300 + 30 = \underline{330} \\ 5 \cdot 74 &= 350 + 20 = \underline{370} \\ 5 \cdot 82 &= 400 + 10 = \underline{410} \\ 5 \cdot 38 &= 150 + 40 = \underline{190} \\ 5 \cdot 95 &= 450 + 25 = \underline{475} \\ 5 \cdot 69 &= 300 + 45 = \underline{345} \end{aligned}$$

$$\begin{aligned} 26) 7 \cdot 75 &= 490 + 35 = \underline{525} \checkmark \\ 7 \cdot 57 &= 350 + 49 = \underline{399} \checkmark \\ 7 \cdot 64 &= 420 + 28 = \underline{448} \checkmark \\ 7 \cdot 46 &= 280 + 42 = \underline{322} \checkmark \\ 7 \cdot 84 &= 560 + 28 = \underline{588} \checkmark \\ 7 \cdot 48 &= 280 + 56 = \underline{336} \checkmark \\ 7 \cdot 79 &= 490 + 63 = \underline{553} \checkmark \\ 7 \cdot 97 &= 630 + 49 = \underline{679} \checkmark \end{aligned}$$

$$\begin{aligned} 26) 8 \cdot 75 &= 560 + 40 = \underline{600} \checkmark \\ 8 \cdot 57 &= 400 + 56 = \underline{456} \checkmark \\ 8 \cdot 64 &= 480 + 32 = \underline{512} \checkmark \\ 8 \cdot 46 &= 320 + 48 = \underline{368} \checkmark \\ 8 \cdot 84 &= 640 + 32 = \underline{672} \checkmark \\ 8 \cdot 48 &= 320 + 64 = \underline{384} \checkmark \\ 8 \cdot 79 &= 560 + 172 = \underline{632} \checkmark \\ 8 \cdot 97 &= 720 + 56 = \underline{776} \checkmark \end{aligned}$$

$$\underline{26)9} \cdot 75 = 630 + 45 = \underline{675} \checkmark$$

$$9 \cdot 57 = 450 + 63 = \underline{513} \checkmark$$

$$9 \cdot 64 = 540 + 36 = \underline{576} \checkmark$$

$$9 \cdot 46 = 360 + 54 = \underline{414} \checkmark$$

$$9 \cdot 84 = 720 + 36 = \underline{756} \checkmark$$

$$9 \cdot 48 = 360 + 72 = \underline{432} \checkmark$$

$$9 \cdot 79 = 630 + 81 = \underline{711} \checkmark$$

$$9 \cdot 97 = 810 + 63 = \underline{873} \checkmark$$

$$\underline{27)4} \cdot 44 = 160 + 16 = \underline{176} \checkmark$$

$$\overset{12}{4} \cdot 97 = 360 + 28 = \underline{388} \checkmark$$

$$4 \cdot 76 = 280 + 24 = \underline{304} \checkmark$$

$$4 \cdot 53 = 200 + 12 = \underline{212} \checkmark$$

$$4 \cdot 66 = 240 + 24 = \underline{264} \checkmark$$

$$4 \cdot 74 = 280 + 16 = \underline{296} \checkmark$$

$$4 \cdot 82 = 320 + 8 = \underline{328} \checkmark$$

$$4 \cdot 38 = 120 + 32 = \underline{152} \checkmark$$

$$4 \cdot 95 = 360 + 20 = \underline{380} \checkmark$$

$$4 \cdot 69 = 240 + 36 = \underline{276} \checkmark$$

$$\underline{27)5} \cdot 44 = 200 + 20 = \underline{220} \checkmark$$

$$\overset{11}{5} \cdot 97 = 450 + 35 = \underline{485} \checkmark$$

$$5 \cdot 76 = 350 + 30 = \underline{380} \checkmark$$

$$5 \cdot 53 = 250 + 15 = \underline{265} \checkmark$$

$$5 \cdot 66 = 300 + 30 = \underline{330} \checkmark$$

$$5 \cdot 74 = 350 + 20 = \underline{370} \checkmark$$

$$5 \cdot 82 = 400 + 10 = \underline{410} \checkmark$$

$$5 \cdot 38 = 150 + 40 = \underline{190} \checkmark$$

$$5 \cdot 95 = 450 + 25 = \underline{475} \checkmark$$

$$5 \cdot 69 = 300 + 45 = \underline{345} \checkmark$$

$$\begin{aligned} 27) 6 \cdot 67 &= 360 + 42 = \underline{\underline{402}} \checkmark \\ 2) 6 \cdot 73 &= 420 + 18 = \underline{\underline{438}} \checkmark \\ 6 \cdot 36 &= 180 + 36 = \underline{\underline{216}} \checkmark \\ 6 \cdot 83 &= 480 + 18 = \underline{\underline{498}} \checkmark \\ 6 \cdot 55 &= 300 + 30 = \underline{\underline{330}} \checkmark \\ 6 \cdot 94 &= 540 + 24 = \underline{\underline{564}} \checkmark \\ 6 \cdot 46 &= 240 + 36 = \underline{\underline{276}} \checkmark \\ 6 \cdot 98 &= 540 + 48 = \underline{\underline{588}} \checkmark \\ 6 \cdot 78 &= 420 + 48 = \underline{\underline{468}} \checkmark \\ 6 \cdot 37 &= 180 + 42 = \underline{\underline{222}} \checkmark \end{aligned}$$

$$\begin{aligned} 27) 7 \cdot 67 &= 420 + 49 = \underline{\underline{469}} \checkmark \\ 2) 7 \cdot 73 &= 490 + 21 = \underline{\underline{511}} \checkmark \\ 7 \cdot 36 &= 210 + 42 = \underline{\underline{252}} \checkmark \\ 7 \cdot 83 &= 560 + 21 = \underline{\underline{581}} \checkmark \\ 7 \cdot 55 &= 350 + 35 = \underline{\underline{385}} \checkmark \\ 7 \cdot 94 &= 630 + 28 = \underline{\underline{658}} \checkmark \\ 7 \cdot 46 &= 280 + 42 = \underline{\underline{322}} \checkmark \\ 7 \cdot 98 &= 630 + 56 = \underline{\underline{686}} \checkmark \\ 7 \cdot 78 &= 490 + 56 = \underline{\underline{546}} \checkmark \\ 7 \cdot 37 &= 210 + 49 = \underline{\underline{259}} \checkmark \end{aligned}$$

$$\begin{aligned} 27) 8 \cdot 81 &= 640 + 8 = \underline{\underline{648}} \checkmark \\ 3) 8 \cdot 45 &= 320 + 40 = \underline{\underline{360}} \checkmark \\ 8 \cdot 54 &= 400 + 32 = \underline{\underline{432}} \checkmark \\ 8 \cdot 68 &= 480 + 64 = \underline{\underline{544}} \checkmark \\ 8 \cdot 72 &= 560 + 16 = \underline{\underline{576}} \checkmark \\ 8 \cdot 37 &= 240 + 56 = \underline{\underline{296}} \checkmark \\ 8 \cdot 77 &= 560 + 56 = \underline{\underline{616}} \checkmark \\ 8 \cdot 89 &= 640 + 72 = \underline{\underline{712}} \checkmark \\ 8 \cdot 96 &= 720 + 48 = \underline{\underline{768}} \checkmark \\ 8 \cdot 48 &= 320 + 64 = \underline{\underline{384}} \checkmark \end{aligned}$$

$$\begin{aligned} 27) 9 \cdot 81 &= 720 + 9 = \underline{\underline{729}} \checkmark \\ 3) 9 \cdot 45 &= 360 + 45 = \underline{\underline{405}} \checkmark \\ 9 \cdot 54 &= 450 + 36 = \underline{\underline{486}} \checkmark \\ 9 \cdot 68 &= 540 + 72 = \underline{\underline{612}} \checkmark \\ 9 \cdot 72 &= 630 + 18 = \underline{\underline{648}} \checkmark \\ 9 \cdot 37 &= 270 + 63 = \underline{\underline{333}} \checkmark \\ 9 \cdot 77 &= 630 + 63 = \underline{\underline{693}} \checkmark \\ 9 \cdot 89 &= 720 + 81 = \underline{\underline{801}} \checkmark \\ 9 \cdot 96 &= 810 + 54 = \underline{\underline{864}} \checkmark \\ 9 \cdot 48 &= 360 + 72 = \underline{\underline{432}} \checkmark \end{aligned}$$

Rechnung vorteilhaft!

30)

$$\text{a) } 5 \cdot 99 \text{ Pf} = 500 - 5 = \underline{495 \text{ Pf}} \checkmark$$

$$3 \cdot 95 \text{ Pf} = 300 - 15 = \underline{285 \text{ Pf}} \checkmark$$

$$6 \cdot 89 \text{ Pf} = 540 - 6 = \underline{534 \text{ Pf}} \checkmark$$

$$\text{b) } 8 \cdot 97 \text{ Pf} = 800 - 24 = \underline{776 \text{ Pf}} \checkmark$$

$$7 \cdot 49 \text{ Pf} = 350 - 7 = \underline{343 \text{ Pf}} \checkmark$$

$$9 \cdot 98 \text{ Pf} = 900 - 18 = \underline{882 \text{ Pf}} \checkmark$$

$$\text{c) } 7 \cdot 95 = 700 - 35 = \underline{665} \checkmark \quad |$$

$$4 \cdot 79 = 320 - 4 = \underline{316} \checkmark$$

$$8 \cdot 59 = 480 - 8 = \underline{472} \checkmark$$

$$\text{d) } 6 \cdot 69 = 420 - 6 = \underline{414} \checkmark$$

$$8 \cdot 79 = 640 - 8 = \underline{632} \checkmark$$

$$4 \cdot 49 = 200 - 4 = \underline{196} \checkmark$$

$$\text{e) } 9 \cdot 89 = 810 - 9 = \underline{801} \checkmark$$

$$7 \cdot 68 = 490 - 14 = \underline{476} \checkmark$$

$$8 \cdot 59 = 480 - 8 = \underline{472} \checkmark$$

$$\text{4) } 300 \text{ DM} + 260 \text{ DM} = 560 \text{ DM} \checkmark$$

$$330 \text{ DM} + 260 \text{ DM} = 590 \text{ DM} \checkmark$$

$$600 \text{ DM} + 140 \text{ DM} = 740 \text{ DM} \checkmark$$

$$620 \text{ DM} + 140 \text{ DM} = 760 \text{ DM} \checkmark$$

$$400 \text{ DM} + 350 \text{ DM} = 750 \text{ DM} \checkmark$$

$$430 \text{ DM} + 350 \text{ DM} = 780 \text{ DM} \checkmark$$

$$\text{5) } 200 + 430 = 630 \checkmark$$

$$220 + 430 = 650 \checkmark$$

$$500 + 280 = 780 \checkmark$$

$$510 + 280 = 790 \checkmark$$

$$700 + 120 = 820 \checkmark$$

$$730 + 120 = 850 \checkmark$$

$$\text{6) } 500 + 350 = 850 \checkmark$$

$$330 + 350 = 680 \checkmark$$

$$110 + 350 = 460 \checkmark$$

$$400 + 350 = 750 \checkmark$$

$$220 + 350 = 570 \checkmark$$

$$640 + 350 = 990 \checkmark$$

$$\underline{6) 500 + 240 = 740} \quad \underline{6) 500 + 160 = 660}$$

$$330 + 240 = 570 \quad 330 + 160 = 490$$

$$110 + 240 = 350 \quad 110 + 160 = 270$$

$$400 + 240 = 640 \quad 400 + 160 = 560$$

$$220 + 240 = 460 \quad 220 + 160 = 380$$

$$640 + 240 = 880 \quad 640 + 160 = 800$$

$$\underline{8) 220 + 340 = 560}$$

$$710 + 270 = 980$$

$$430 + 440 = 870$$

$$640 + 350 = 990$$

$$570 + 210 = 780$$

$$350 + 520 = 870$$

Astrid Pflüger

Klasse: 3a

3. Schuljahr

5. Rechenheft

Nr. 10

80 g holzfrei

$$\underline{10} 550 \text{ DM} - 250 \text{ DM} = 300 \text{ DM} \checkmark$$

$$360 \text{ DM} - 160 \text{ DM} = 200 \text{ DM} \checkmark$$

$$490 \text{ DM} - 290 \text{ DM} = 200 \text{ DM} \checkmark$$

$$640 \text{ DM} - 340 \text{ DM} = 300 \text{ DM} \checkmark$$

$$970 \text{ DM} - 570 \text{ DM} = 400 \text{ DM} \checkmark$$

$$860 \text{ DM} - 460 \text{ DM} = 400 \text{ DM} \checkmark$$

$$\underline{11} 770 - 200 = 570 \checkmark$$

$$770 - 240 = 530 \checkmark$$

$$890 - 300 = 590 \checkmark$$

$$890 - 450 = 440 \checkmark$$

$$660 - 500 = 160 \checkmark$$

$$660 - 530 = 130 \checkmark$$

$$\underline{12} 570 - 350 = 220 \checkmark$$

$$490 - 280 = 210 \checkmark$$

$$680 - 160 = 520 \checkmark$$

$$680 - 260 = 420 \checkmark$$

$$680 - 270 = 410 \checkmark$$

$$860 - 450 = 410 \checkmark$$

$$\underline{13)580} - 420 = 160 \checkmark$$

$$960 - 420 = 540 \checkmark$$

$$870 - 420 = 450 \checkmark$$

$$790 - 420 = 370 \checkmark$$

$$680 - 420 = 260 \checkmark$$

$$570 - 420 = 150 \checkmark$$

$$\underline{13)580} - 240 = 340$$

$$960 - 240 = 720$$

$$870 - 240 = 630$$

$$790 - 240 = 550$$

$$680 - 240 = 440$$

$$570 - 240 = 330$$

$$\underline{13)580} - 330 = 250$$

$$960 - 330 = 630$$

$$870 - 330 = 540$$

$$790 - 330 = 460$$

$$680 - 330 = 350$$

$$570 - 330 = 240$$

$$\underline{13)580} - 450 = 130$$

$$960 - 450 = 510$$

$$870 - 450 = 420$$

$$790 - 450 = 340$$

$$680 - 450 = 230$$

$$570 - 450 = 120$$

$$\underline{13)580} - 510 = 70$$

$$960 - 510 = 450$$

$$870 - 510 = 360$$

$$790 - 510 = 280$$

$$680 - 510 = 170$$

$$570 - 510 = 60$$

$$\underline{13)580} - 160 = 420 \checkmark$$

$$960 - 160 = 800 \checkmark$$

$$870 - 160 = 710 \checkmark$$

$$790 - 160 = 630 \checkmark$$

$$680 - 160 = 520 \checkmark$$

$$570 - 160 = 410 \checkmark$$

$$\underline{14)} 650 - 240 = 410 \checkmark$$

$$980 - 220 = 760 \checkmark$$

$$760 - 440 = 320 \checkmark$$

$$750 - 430 = 320 \checkmark$$

$$890 - 380 = 510 \checkmark$$

$$890 - 370 = 520 \checkmark \quad \gamma$$

$$\underline{6)} 340 \text{ g} + 220 \text{ g} = 560 \text{ g} \checkmark$$

$$347 \text{ g} + 220 \text{ g} = 567 \text{ g} \checkmark$$

$$550 \text{ g} + 340 \text{ g} = 890 \text{ g} \checkmark$$

$$558 \text{ g} + 340 \text{ g} = 898 \text{ g} \checkmark$$

$$720 \text{ g} + 210 \text{ g} = 930 \text{ g} \checkmark$$

$$725 \text{ g} + 210 \text{ g} = 935 \text{ g} \checkmark$$

$$436 \text{ g} + 440 \text{ g} = 876 \text{ g} \checkmark$$

$$\underline{8)} 270 + 350 = 620 \checkmark$$

$$480 + 260 = 740 \checkmark$$

$$560 + 170 = 730 \checkmark$$

$$650 + 280 = 930 \checkmark$$

$$190 + 440 = 630 \checkmark$$

$$780 + 160 = 940 \checkmark$$

$$390 + 470 = 860 \checkmark$$

$$\underline{9)} 680 + 290 = 970 \checkmark$$

$$685 + 290 = 975 \checkmark$$

$$170 + 340 = 510 \checkmark$$

$$176 + 340 = 516 \checkmark$$

$$360 + 360 = 720 \checkmark$$

$$368 + 360 = 728 \checkmark$$

$$581 + 170 = 751 \checkmark$$

$$\underline{10)} 449 + 360 = 809$$

$$192 + 360 = 552$$

$$374 + 360 = 734$$

$$285 + 360 = 645$$

$$462 + 360 = 822$$

$$176 + 360 = 536$$

$$358 + 360 = 718 \quad \gamma$$

$$\underline{10)} 449 + 490 = 939$$

$$192 + 490 = 682$$

$$374 + 490 = 864$$

$$285 + 490 = 775$$

$$462 + 490 = 952$$

$$176 + 490 = 666$$

$$358 + 490 = 848$$

$$\underline{10)} 449 + 180 = 629 \checkmark$$

$$192 + 180 = 372 \checkmark$$

$$374 + 180 = 554 \checkmark$$

$$285 + 180 = 465 \checkmark$$

$$462 + 180 = 642 \checkmark$$

$$176 + 180 = 356 \checkmark$$

$$358 + 180 = 538 \checkmark$$

$$\underline{12)} 200 + 459 = 659 \checkmark$$

$$459 + 200 = 659 \checkmark$$

$$270 + 459 = 729 \checkmark$$

$$459 + 270 = 729 \checkmark$$

$$\underline{13)} 440 + 268 = 708 \checkmark$$

$$268 + 440 = 708 \checkmark$$

$$180 + 552 = 732 \checkmark$$

$$552 + 180 = 732 \checkmark$$

$$\underline{17)} 850 - 430 = 420 \checkmark$$

$$856 - 430 = 426 \checkmark$$

$$490 - 360 = 130 \checkmark$$

$$494 - 360 = 134 \checkmark$$

$$270 - 150 = 120 \checkmark$$

$$278 - 150 = 128 \checkmark$$

$$566 - 240 = 326 \checkmark$$

$$\underline{19)} 750 - 290 = 460 \checkmark$$

$$840 - 480 = 360 \checkmark$$

$$630 - 370 = 260 \checkmark$$

$$520 - 190 = 330 \checkmark$$

$$960 - 780 = 180 \checkmark$$

$$470 - 290 = 180 \checkmark$$

$$480 - 390 = 90 \checkmark$$

$$\underline{20)} 640 - 360 = 280 \checkmark$$

$$648 - 360 = 288 \checkmark$$

$$910 - 270 = 640 \checkmark$$

$$916 - 270 = 646 \checkmark$$

$$720 - 450 = 270 \checkmark$$

$$725 - 450 = 275 \checkmark$$

$$538 - 180 = 358 \checkmark$$

$$\underline{21)} 528 - 460 = 68$$

$$719 - 460 = 259$$

$$933 - 460 = 473$$

$$641 - 460 = 181$$

$$857 - 460 = 397$$

$$511 - 460 = 51$$

$$724 - 460 = 264$$

$$\underline{21)} 528 - 190 = 338$$

$$719 - 190 = 529$$

$$933 - 190 = 743$$

$$641 - 190 = 451$$

$$857 - 190 = 667$$

$$511 - 190 = 321$$

$$724 - 190 = 534$$

$$\underline{21)} 528 - 370 = 158$$

$$719 - 370 = 349$$

$$933 - 370 = 563$$

$$641 - 370 = 271$$

$$857 - 370 = 487$$

$$511 - 370 = 141$$

$$724 - 370 = 354$$

$$\underline{21)} 528 - 160 = 368 \checkmark$$

$$719 - 160 = 559 \checkmark$$

$$933 - 160 = 773 \checkmark$$

$$641 - 160 = 481 \checkmark$$

$$857 - 160 = 697 \checkmark$$

$$511 - 160 = 351 \checkmark$$

$$724 - 160 = 564 \checkmark$$

$$\underline{26)} 480 + 260 = 740 \checkmark$$

$$485 + 260 = 745 \checkmark$$

$$485 + 267 = 752 \checkmark$$

$$390 + 470 = 860 \checkmark$$

$$396 + 470 = 866 \checkmark$$

$$396 + 475 = 871 \checkmark$$

$$\underline{27)} 256 + 460 = 716 \checkmark$$

$$256 + 468 = 724 \checkmark$$

$$578 + 350 = 928 \checkmark$$

$$578 + 357 = 935 \checkmark$$

$$743 + 290 = 1033 \checkmark$$

$$743 + 298 = 1041 \checkmark$$

$$\underline{28)} 349 + 276 = 625 \checkmark$$

$$187 + 276 = 463 \checkmark$$

$$476 + 276 = 752 \checkmark$$

$$359 + 276 = 635 \checkmark$$

$$268 + 276 = 544 \checkmark$$

$$493 + 276 = 769 \checkmark$$

$$\underline{28)349} + 467 = 816$$

$$187 + 467 = 654$$

$$476 + 467 = 943$$

$$359 + 467 = 826$$

$$268 + 467 = 735$$

$$493 + 467 = 960$$

$$\underline{28)349} + 384 = 733 \checkmark$$

$$187 + 384 = 571 \checkmark$$

$$476 + 384 = 860 \checkmark$$

$$359 + 384 = 743 \checkmark$$

$$268 + 384 = 652 \checkmark$$

$$493 + 384 = 877 \checkmark$$

$$\underline{31)770} - 360 = 410 \checkmark$$

$$776 - 360 = 416 \checkmark$$

$$776 - 365 = 411 \checkmark$$

$$590 - 240 = 350 \checkmark$$

$$593 - 240 = 353 \checkmark$$

$$593 - 248 = 345 \checkmark$$

$$\underline{32)624} - 270 = 354 \checkmark$$

$$624 - 279 = 345 \checkmark$$

$$836 - 540 = 296 \checkmark$$

$$836 - 542 = 294 \checkmark$$

$$541 - 260 = 281 \checkmark$$

$$541 - 266 = 275 \checkmark$$

$$\underline{33)913} - 474 = 439 \checkmark$$

$$542 - 474 = 68 \checkmark$$

$$824 - 474 = 350 \checkmark$$

$$652 - 474 = 178 \checkmark$$

$$706 - 474 = 232 \checkmark$$

$$943 - 474 = 469 \checkmark$$

$$\underline{33)} 913 - 339 = 574 \checkmark$$

$$542 - 339 = 203 \checkmark$$

$$824 - 339 = 485 \checkmark$$

$$652 - 339 = 313 \checkmark$$

$$706 - 339 = 367 \checkmark$$

$$943 - 339 = 604 \checkmark$$

$$\underline{33)} 913 - 166 = 747 \checkmark$$

$$542 - 166 = 376 \checkmark$$

$$824 - 166 = 658 \checkmark$$

$$652 - 166 = 486 \checkmark$$

$$706 - 166 = 540 \checkmark$$

$$943 - 166 = 777 \checkmark$$

$$\underline{33)} 913 - 457 = 456 \checkmark$$

$$542 - 457 = 85 \checkmark$$

$$824 - 457 = 367 \checkmark$$

$$652 - 457 = 195 \checkmark$$

$$706 - 457 = 249 \checkmark$$

$$943 - 457 = 486 \checkmark$$

$$\underline{38)} 316 \text{ kg} + 499 \text{ kg} = 815 \text{ kg} \checkmark$$

$$483 \text{ kg} + 298 \text{ kg} = 781 \text{ kg} \checkmark$$

$$572 \text{ kg} + 197 \text{ kg} = 769 \text{ kg} \checkmark$$

$$224 \text{ kg} + 396 \text{ kg} = 620 \text{ kg} \checkmark$$

$$\underline{39)} 99 + 475 = 574 \checkmark$$

$$296 + 238 = 534 \checkmark$$

$$795 + 187 = 982 \checkmark$$

$$198 + 512 = 710 \checkmark$$

$$\underline{40)} 250 + 179 = 429 \checkmark$$

$$480 + 359 = 839 \checkmark$$

$$740 + 189 = 929 \checkmark$$

$$370 + 269 = 639 \checkmark$$

$$\underline{41)} 490 + 398 = 888 \checkmark$$

$$190 + 595 = 785 \checkmark$$

$$602 + 299 = 901 \checkmark$$

$$207 + 496 = 703 \checkmark$$

$$\underline{42)850} - 290 = 560 \checkmark$$

$$680 - 490 = 190 \checkmark$$

$$340 - 195 = 145 \checkmark$$

$$926 - 796 = 130 \checkmark$$

$$\underline{43)250} + 84 + 350 = 684 \checkmark$$

$$175 + 268 + 225 = 668 \checkmark$$

$$520 + 112 + 280 = 912 \checkmark$$

$$380 + 156 + 418 = 954 \checkmark$$

4

$$\underline{44)260} + 389 - 160 = 489$$

$$435 + 191 - 235 = 391$$

$$684 + 248 - 380 = 552$$

$$76 + 839 - 537 = 378$$

$$\underline{45)185} - 86 = 99$$

$$453 - 354 = 99$$

$$925 - 526 = 399$$

$$717 - 219 = 498$$

Verdoppele!

$$\underline{4)80} = 160 \quad \underline{6)200} = 400 \checkmark$$

$$86 = 172 \quad 230 = 460 \checkmark$$

$$20 = 40 \quad 400 = 800 \checkmark$$

$$29 = 58 \quad 440 = 880 \checkmark$$

$$50 = 100 \quad 100 = 200 \checkmark$$

$$58 = 116 \quad 110 = 220 \checkmark$$

$$\underline{8)430} = 860 \quad \underline{10)459} = 918 \checkmark$$

$$432 = 864 \checkmark \quad 178 = 356 \checkmark$$

$$240 = 480 \checkmark \quad 387 = 774 \checkmark$$

$$244 = 488 \checkmark \quad 266 = 532 \checkmark$$

$$180 = 360 \checkmark \quad 495 = 990 \checkmark$$

$$183 = 366 \checkmark \quad 376 = 752 \checkmark$$

Verdoppeln!

121) 100 = 200 ✓

120 = 240 ✓

140 = 280 ✓

160 = 320 ✓

190 = 380 ✓

111 = 222 ✓

136 = 272 ✓

184 = 368 ✓

155 = 310 ✓

173 = 346 ✓

122) 200 = 400 ✓

250 = 500 ✓

280 = 560 ✓

210 = 420 ✓

270 = 540 ✓

292 = 584 ✓

229 = 458 ✓

277 = 554 ✓

246 = 492 ✓

241 = 482 ✓

123) 300 = 600

320 = 640

390 = 780

330 = 660

360 = 720

389 = 778

314 = 628

341 = 682

374 = 748

355 = 710

124) 400 = 800 ✓

440 = 880 ✓

480 = 960 ✓

470 = 940 ✓

450 = 900 ✓

432 = 864 ✓

418 = 836 ✓

463 = 926 ✓

429 = 858 ✓

492 = 984 ✓

20) 620 : 2 = 310

600

20

639 : 2 = 319 R.1

600

20

18

1

888 : 2 = 444

800

80

8

21) 444 : 2 = 222

400

40

4

630 : 2 = 315

600

30

1880 : 2 = 940

800

80

891 : 2 = 445 R.1

800

80

10

1

449 : 2 = 224 R.1

400

40

8

1

$$21) 720 : 2 = 360$$

600

120

$$733 : 2 = 366 R.1$$

600

120

12

1

$$22) 383 : 2 = 191 R.1$$

200

180

2

1

$$627 : 2 = 313 R.1$$

600

20

6

1

$$520 : 2 = 260$$

400

120

$$529 : 2 = 264 R.1$$

400

120

8

1

$$935 : 2 = 467 R.1$$

800

120

14

1

$$287 : 2 = 143 R.1$$

200

80

6

1

$$22) 811 : 2 = 405 R.1$$

800

10

1

$$1555 : 2 = 777 R.1$$

400

140

14

1

$$23) 134 : 2 = 67$$

100

~~20~~

14

120

14

$$143 : 2 = 71 R.1$$

140

2

1

3 383

$$23) 413 : 2 = 206 R. 1 \quad 256 : 2 = 128$$

400

200

10

40

2

16

1

$$265 : 2 = 132 R. 1$$

200

60

4

1

$$652 : 2 = 326$$

600

40

2

Astrid Pflüger

Klasse: 3a

3. Schuljahr

6. Rechenheft

$$\underline{20)620:2=310}$$

600

20

$$\underline{630:2=315}$$

600

30

$$\underline{639:2=319R.1}$$

600

20

18

1

800

80

$$\underline{888:2=444}$$

800

80

8

$$\underline{891:2=445R.1}$$

800

80

10

1

$$\underline{2)444:2=222}$$

400

40

4

$$\underline{449:2=224R.1}$$

400

40

8

1

$$\underline{21)720:2=360\checkmark}$$

600

120

$$\underline{733:2=366R1\checkmark}$$

600

120

12

1

$$\underline{22)935:2=467R1\checkmark}$$

800

120

14

1

200

80

6

1

$$\underline{520:2=260\checkmark}$$

400

120

$$\underline{529:2=264R1\checkmark}$$

400

120

8

$$\underline{23)134:2=67\checkmark}$$

120

14

$$\underline{143:2=71R1\checkmark}$$

140

2

1

$$\underline{22)811:2=405R1\checkmark}$$

800

10

1

$$\underline{555:2=277R1\checkmark}$$

400

140

14

1

$$\underline{413:2=206R1\checkmark}$$

400

12

1

$$\underline{256:2=128\checkmark}$$

200

40

16

$$\underline{383:2=191R1\checkmark}$$

200

180

2

1

$$\underline{627:2=313R1\checkmark}$$

600

20

6

1

$$\underline{265:2=132R1\checkmark}$$

200

60

4

1

$$\underline{652:2=326\checkmark}$$

600

40

12

f

$$\underline{17)} 24 : 2 = 12 \quad \checkmark \quad \underline{18)} 76 : 2 = 38 \quad \checkmark$$

$$25 : 2 = 12 \text{ R. } 1 \quad 89 : 2 = 44 \text{ R. } 1$$

$$29 : 2 = 14 \text{ R. } 1 \quad 54 : 2 = 27 \quad \checkmark$$

$$68 : 2 = 34 \quad \checkmark \quad 37 : 2 = 18 \text{ R. } 1$$

$$69 : 2 = 34 \text{ R. } 1 \quad 92 : 2 = 46 \quad \checkmark$$

$$71 : 2 = 35 \text{ R. } 1 \quad 99 : 2 = 49 \text{ R. } 1$$

$$\underline{19)} 180 : 2 = 90 \quad \checkmark$$

$$184 : 2 = 92 \quad \checkmark$$

$$185 : 2 = 92 \text{ R. } 1$$

$$260 : 2 = 130 \quad \checkmark$$

$$270 : 2 = 135 \quad \checkmark$$

$$273 : 2 = 136 \text{ R. } 1$$

$$\underline{a)} 3 \text{ in } 15 = 5 \text{ mal} \quad \checkmark$$

$$3 \text{ in } 17 = 5 \text{ mal R. } 2 \quad \checkmark$$

$$3 \text{ in } 30 = 10 \text{ mal} \quad \checkmark$$

$$3 \text{ in } 35 = 11 \text{ mal R. } 2 \quad \checkmark$$

$$3 \text{ in } 24 = 8 \text{ mal} \quad \checkmark$$

$$3 \text{ in } 26 = 8 \text{ mal R. } 2 \quad \checkmark$$

$$3 \text{ in } 42 = 14 \text{ mal} \quad \checkmark$$

$$\underline{a)} 3 \text{ in } 46 = 15 \text{ mal R. } 1$$

$$3 \text{ in } 60 = 20 \text{ mal} \quad \checkmark$$

$$3 \text{ in } 70 = 23 \text{ mal R. } 1$$

$$3 \text{ in } 72 = 24 \text{ mal} \quad \checkmark$$

$$3 \text{ in } 85 = 28 \text{ mal R. } 1$$

$$3 \text{ in } 90 = 30 \text{ mal} \quad \checkmark$$

$$3 \text{ in } 94 = 31 \text{ mal R. } 1$$

$$\underline{b)} 6 \text{ in } 48 = 8 \text{ mal} \quad \checkmark$$

$$6 \text{ in } 50 = 8 \text{ mal R. } 2 \quad \checkmark$$

$$6 \text{ in } 36 = 6 \text{ mal} \quad \checkmark$$

$$6 \text{ in } 41 = 6 \text{ mal R. } 5 \quad \checkmark$$

$$6 \text{ in } 54 = 9 \text{ mal} \quad \checkmark$$

$$6 \text{ in } 58 = 9 \text{ mal R. } 4 \quad \checkmark$$

$$6 \text{ in } 24 = 4 \text{ mal} \quad \checkmark$$

$$6 \text{ in } 28 = 4 \text{ mal R. } 4 \quad \checkmark$$

$$6 \text{ in } 35 = 5 \text{ mal R. } 5 \quad \checkmark$$

$$6 \text{ in } 66 = 11 \text{ mal} \quad \checkmark$$

$$6 \text{ in } 70 = 11 \text{ mal R. } 4 \quad \checkmark$$

$$6 \text{ in } 84 = 14 \text{ mal} \quad \checkmark$$

$$6 \text{ in } 89 = 14 \text{ mal R. } 5 \quad \checkmark$$

b) 6 in 99 = 16 mal R. 3 ✓

Teilen durch 4 Viererzahlen

4	40	400
8	80	800
12	120	
16	160	
20	200	
24	240	
28	280	
32	320	
36	360	
40	400	

52 : 4 = 13

40

12

65 : 4 = 16 R. 1

40

24

1

74 : 4 = 18 R. 2 86 : 4 = 21 R. 2

40

32

2

80

4

2

95 : 4 = 23 R. 3 100 : 4 = 25

80

12

3

80

20

104 : 4 = 26

80

24

132 : 4 = 33

120

12

$$\underline{148 : 4 = 37}$$

120

28

$$\underline{153 : 4 = 38 \text{ R. } 1}$$

120

32

1

$$\underline{274 : 4 = 68 \text{ R. } 2} \quad \underline{2292 : 4 = 573}$$

240

32

2

280

12

$$\underline{166 : 4 = 41 \text{ R. } 2} \quad \underline{172 : 4 = 43}$$

160

4

2

160

12

$$\underline{300 : 4 = 75}$$

280

20

f

$$\underline{180 : 4 = 45}$$

160

20

$$\underline{188 : 4 = 47}$$

160

28

$$\underline{4 \cdot 80 = 320} \quad \underline{16 \cdot 160 : 4 = 40}$$

$$4 \cdot 82 = 328$$

$$200 : 4 = 50$$

$$4 \cdot 90 = 360$$

$$120 : 4 = 30$$

$$4 \cdot 94 = 376$$

$$240 : 4 = 60$$

$$4 \cdot 97 = 388$$

$$320 : 4 = 80$$

$$4 \cdot 99 = 396$$

$$80 : 4 = 20$$

$$280 : 4 = 70$$

$$360 : 4 = 90$$

$$400 : 4 = 100$$

$$\underline{193 : 4 = 48 \text{ R. } 1} \quad \underline{210 : 4 = 52 \text{ R. } 2}$$

160

32

1

200

8

2

$$\underline{244 : 4 = 61}$$

240

4

$$\underline{268 : 4 = 67}$$

240

28

19) Aufgabe

Probe

$$264 : 4 = 66 \checkmark$$

$$4 \cdot 66 = 240 + 24 = 264 \checkmark$$

240

24

$$328 : 4 = 82 \checkmark$$

$$4 \cdot 82 = 320 + 8 = 328 \checkmark$$

320

8

$$296 : 4 = 74 \checkmark$$

$$4 \cdot 74 = 280 + 16 = 296 \checkmark$$

280

16

$$448 : 4 = 112 \checkmark$$

$$4 \cdot 112 = 400 + 40 + 8 = 448 \checkmark$$

400

40

8

$$392 : 4 = 98 \checkmark$$

$$4 \cdot 98 = 360 + 32 = 392 \checkmark$$

360

32

$$576 : 4 = 144 \checkmark$$

$$4 \cdot 144 = 400 + 160 + 16 = 576 \checkmark$$

400

160

16

19. Aufgabe

Probe

$$824 : 4 = 206$$

800

24

$$4 \cdot 206 = 800 + 24 = 824$$

$$768 : 4 = 192$$

400

360

8

$$4 \cdot 192 = 400 + 360 + 8 = 768$$

Das Achtfache und Teilen durch 8

$$8 \quad 80$$

$$16 \quad 160$$

$$24 \quad 240$$

$$32 \quad 320$$

$$40 \quad 400$$

$$48 \quad 480$$

$$56 \quad 560$$

$$64 \quad 640$$

$$72 \quad 720$$

$$80 \quad 800$$

$$8 \cdot 79 = 632$$

$$8 \cdot 83 = 664$$

$$8 \cdot 90 = 720$$

$$8 \cdot 94 = 752$$

$$8 \cdot 97 = 776$$

$$8 \cdot 99 = 792$$

$$17 \cdot 240 : 8 = 30$$

$$560 : 8 = 70$$

$$320 : 8 = 40$$

$$640 : 8 = 80$$

$$800 : 8 = 100$$

$$160 : 8 = 20$$

$$400 : 8 = 50$$

$$720 : 8 = 90$$

$$480 : 8 = 60$$

2.1) Aufgabe

Probe

$$\underline{80 : 8 = 10}$$

$$\underline{8 \cdot 10 = 80}$$

$$\underline{200 : 8 = 25}$$

$$\underline{8 \cdot 25 = 160 + 40 = 200}$$

160

40

$$\underline{488 : 8 = 61}$$

$$\underline{8 \cdot 61 = 480 + 8 = 488}$$

480

8

$$\underline{576 : 8 = 72}$$

$$\underline{8 \cdot 72 = 560 + 16 = 576}$$

560

16

$$\underline{664 : 8 = 83}$$

$$\underline{8 \cdot 83 = 640 + 24 = 664}$$

640

24

$$\underline{756 : 8 = 94,48 \cdot 94 = 720 + 32 = 752 + 4 = 756}$$

720

32

4

21. Aufgabe

Probe

$$848 : 8 = 106 \quad 8 \cdot 106 = 800 + 48 = 848$$

800

48

$$472 : 8 = 59 \quad 8 \cdot 59 = 400 + 72 = 472$$

400

72

22. Aufgabe

Probe

$$320 \cdot 8 = 40 \quad 8 \cdot 40 = 320$$

$$330 \cdot 8 = 41 \quad 8 \cdot 41 = 320 + 8 = 328 + 2 = 330$$

320

8

2

$$568 : 8 = 71 \quad 8 \cdot 71 = 560 + 8 = 568$$

560

8

$$570 : 8 = 71 \quad 8 \cdot 71 = 560 + 8 = 568 + 2 = 570$$

560

8

2

2.2) AufgabeProbe

$$165 : 8 = 20 \text{ R. } 5 \quad 8 \cdot 20 = 160 + 5 = 165 \checkmark$$

$$\begin{array}{r} 160 \\ \hline 5 \end{array}$$

$$450 : 8 = 56 \text{ R. } 2 \quad 8 \cdot 56 = 400 + 48 = 448 + 2 = 450 \checkmark$$

$$400$$

$$\begin{array}{r} 48 \\ \hline 2 \end{array}$$

$$772 : 8 = 96 \text{ R. } 4 \quad 8 \cdot 96 = 720 + 48 = 768 + 4 = 772 \checkmark$$

$$720$$

$$\begin{array}{r} 48 \\ \hline 4 \end{array}$$

$$980 : 8 = 122 \text{ R. } 4 \quad 8 \cdot 122 = 800 + 160 + 16 = 976 + 4 = 980 \checkmark$$

$$800$$

$$160$$

$$\begin{array}{r} 16 \\ \hline 4 \end{array}$$

2.3) AufgabeProbe

$$480 : 2 = 240 \text{ R. } 0 \quad 2 \cdot 240 = 400 + 80 = 480 \checkmark$$

$$400$$

$$80$$

23. AufgabeProbe

$$480 : 4 = 120 \quad 4 \cdot 120 = 400 + 80 = 480 \checkmark$$

400

80

$$480 : 8 = 60 \quad 8 \cdot 60 = 480 \checkmark$$

$$720 : 2 = 360 \quad 2 \cdot 360 = 600 + 120 = 720 \checkmark$$

600

120

$$720 : 4 = 180 \quad 4 \cdot 180 = 400 + 320 = 720 \checkmark$$

400

320

$$720 : 8 = 90 \quad 8 \cdot 90 = 720 \checkmark$$

$$1000 : 4 = 250 \quad 4 \cdot 250 = 800 + 200 = 1000 \checkmark$$

800

200

23) Aufgabe

Probe

$1000 : 8 = 125 \text{ R} \cdot 125 = 800 + 160 + 40 = 1000 \checkmark$

800

160

40

$29) 4 \text{ in } 420 = 105 \text{ mal } \checkmark$

400

20

$4 \text{ in } 450 = 112 \text{ mal R. } 2 \checkmark$

400

40

8

2

$4 \text{ in } 820 = 205 \text{ mal } \checkmark$

800

20

$4 \text{ in } 850 = 212 \text{ mal R. } 2 \checkmark$

800

40

8

2

$$\underline{29.) 4 \text{ in } 720 = 180 \text{ mal} \checkmark}$$

400

320

$$\underline{4 \text{ in } 770 = 192 \text{ mal R.2} \checkmark}$$

400

360

8

2

$$\underline{31.) 8 \text{ in } 560 = 70 \text{ mal} \checkmark}$$

$$\underline{8 \text{ in } 600 = 75 \text{ mal} \checkmark}$$

560

40

$$\underline{8 \text{ in } 760 = 95 \text{ mal} \checkmark}$$

720

40

$$\underline{31.) 8 \text{ in } 795 = 99 \text{ mal R.3} \checkmark}$$

720

72

3

$$\underline{8 \text{ in } 840 = 105 \text{ mal} \checkmark}$$

800

40

$$\underline{8 \text{ in } 870 = 108 \text{ mal R.6} \checkmark}$$

800

64

6

$$\underline{32.) 2 \text{ in } 320 = 160 \text{ mal} \checkmark}$$

200

120

$$\underline{4 \text{ in } 320 = 80 \text{ mal} \checkmark}$$

$$\underline{8 \text{ in } 320 = 40 \text{ mal} \checkmark}$$

$$\underline{32} \text{ in } 720 = \underline{360} \text{ mal} \checkmark$$

600

120

$$\underline{4} \text{ in } 720 = \underline{180} \text{ mal} \checkmark$$

400

320

$$\underline{8} \text{ in } 720 = \underline{90} \text{ mal} \checkmark$$

Das Fünffache und Teilen durch 5

5 50

10 100

15 150

20 200

25 250

30 300

35 350

40 400

45 450

50 500

$$\underline{2a)} 5 \cdot 65 \text{ l} = 325 \text{ l} \checkmark$$

$$5 \cdot 42 \text{ l} = 210 \text{ l} \checkmark$$

$$5 \cdot 57 \text{ l} = 285 \text{ l} \checkmark$$

$$5 \cdot 138 \text{ l} = 690 \text{ l} \checkmark$$

$$5 \cdot 29 \text{ l} = 145 \text{ l} \checkmark$$

$$5 \cdot 176 \text{ l} = 880 \text{ l} \checkmark$$

$$5 \cdot 49 \text{ l} = 245 \text{ l} \checkmark$$

$$5 \cdot 190 \text{ l} = 950 \text{ l} \checkmark$$

$$5 \cdot 53 \text{ l} = 265 \text{ l} \checkmark$$

$$5 \cdot 84 \text{ l} = 420 \text{ l} \checkmark$$

$$\underline{9) 75 : 5 = 15} \checkmark$$

50

25

$$\underline{77 : 5 = 15 \text{ R. } 2} \checkmark$$

50

25

2

$$\underline{9) 110 : 5 = 22} \checkmark$$

100

10

$$\underline{114 : 5 = 22 \text{ R. } 4} \checkmark$$

100

10

4

$$\underline{9)250 : 5 = 50 \downarrow}$$

$$\underline{253 : 5 = 50 \text{ R. } 3 \downarrow}$$

$$\begin{array}{r} 250 \\ \underline{3} \\ 3 \end{array}$$

$$\underline{10)442 : 5 = 88 \text{ R. } 2 \downarrow}$$

$$\begin{array}{r} 400 \\ \underline{40} \\ 2 \end{array}$$

$$\underline{781 : 5 = 156 \text{ R. } 1 \downarrow}$$

$$\begin{array}{r} 500 \\ 250 \\ \underline{30} \\ 1 \end{array}$$

$$\underline{608 : 5 = 120 \text{ R. } 3 \downarrow}$$

$$\begin{array}{r} 500 \\ 100 \\ \underline{3} \\ 3 \end{array}$$

$$\underline{10)974 : 5 = 194 \text{ R. } 4 \downarrow}$$

$$\begin{array}{r} 500 \\ 450 \\ \underline{20} \\ 4 \end{array}$$

$$\underline{111 : 5 = 22 \text{ R. } 1 \downarrow}$$

$$\begin{array}{r} 100 \\ \underline{10} \\ 1 \end{array}$$

$$\underline{567 : 5 = 113 \text{ R. } 2 \downarrow}$$

$$\begin{array}{r} 500 \\ 50 \\ \underline{15} \\ 2 \end{array}$$

$$\underline{13)311 : 10 = 31 \text{ R. } 1 \downarrow}$$

$$\underline{875 : 10 = 87 \text{ R. } 5 \downarrow}$$

$$\underline{408 : 10 = 40 \text{ R. } 8 \downarrow}$$

$$\underline{689 : 10 = 68 \text{ R. } 9 \downarrow}$$

$$\underline{554 : 10 = 55 \text{ R. } 4 \downarrow}$$

$$\underline{743 : 10 = 74 \text{ R. } 3 \downarrow}$$

$$\underline{495 : 2 = 247 \text{ R. } 1 \downarrow} \quad \underline{495 : 4 = 123 \text{ R. } 3 \downarrow}$$

$$\begin{array}{r} 400 \\ 80 \\ \underline{14} \\ 1 \end{array}$$

$$\begin{array}{r} 400 \\ 80 \\ \underline{12} \\ 3 \end{array}$$

$$\underline{495 : 8 = 61 \text{ R. } 7 \downarrow}$$

$$\begin{array}{r} 480 \\ 8 \\ \underline{7} \\ 7 \end{array}$$

$$\underline{495 : 5 = 99 \downarrow}$$

$$\begin{array}{r} 450 \\ 45 \end{array}$$

$$\underline{495 : 10 = 49 \text{ R. } 5 \downarrow}$$

$$\begin{array}{r} 490 \\ \underline{5} \\ 5 \end{array}$$

$$\underline{548 : 2 = 274}$$

400

140

8

$$\underline{548 : 4 = 137}$$

400

120

28

$$\underline{736 : 8 = 92}$$

720

16

$$\underline{736 : 5 = 147R.1}$$

500

200

35

1

$$\underline{548 : 8 = 68R.4}$$

480

64

4

$$\underline{548 : 5 = 109R.3}$$

500

45

3

$$\underline{736 : 10 = 73R.6}$$

730

6

$$\underline{548 : 10 = 54R.8}$$

540

8

$$\underline{863 : 2 = 431R.1}$$

800

60

2

1

$$\underline{863 : 4 = 215R.3}$$

800

40

20

3

$$\underline{736 : 2 = 368}$$

600

120

16

$$\underline{736 : 4 = 184}$$

400

320

16

$$\underline{863 : 8 = 107R.7}$$

800

56

7

$$\underline{863 : 5 = 172R.3}$$

500

350

10

3

$$\underline{863 \cdot 10 = 8630}$$

860

3

Rechenvorteile

5mal

Wir rechnen:

$$10 \cdot 24 = \underline{240} : 2 = \underline{120}$$

$$10 \cdot 42 = \underline{420} : 2 = \underline{210}$$

$$10 \cdot 88 = \underline{880} : 2 = \underline{440}$$

$$10 \cdot 63 = \underline{630} : 2 = \underline{315}$$

$$10 \cdot 72 = \underline{720} : 2 = \underline{360}$$

$$10 \cdot 28 = \underline{280} : 2 = \underline{140}$$

$$10 \cdot 34 = \underline{340} : 2 = \underline{170}$$

$$10 \cdot 76 = \underline{760} : 2 = \underline{380}$$

Teilen durch 5 wir rechnen: $10 \cdot 2$

$$160 = \underline{16} \cdot 2 = \underline{32}$$

$$480 = \underline{48} \cdot 2 = \underline{96}$$

$$660 = \underline{66} \cdot 2 = \underline{132}$$

$$750 = \underline{75} \cdot 2 = \underline{150}$$

$$140 = \underline{14} \cdot 2 = \underline{28}$$

$$320 = \underline{32} \cdot 2 = \underline{64}$$

Astrid Pflüger

Klasse: 3a

3. Schuljahr

7. Rechenheft

Nr. 10

80 g holzfrei

$$\begin{aligned}
 \underline{17} \cdot 5 &= 85 & \underline{19} \cdot 480 & : 5 = 96 \\
 5 \cdot 42 &= 210 & 720 & : 5 = 144 \\
 5 \cdot 23 &= 115 & 960 & : 5 = 192 \\
 5 \cdot 64 &= 320 & 170 & : 5 = 34 \\
 5 \cdot 46 &= 230 & 840 & : 5 = 168 \\
 5 \cdot 58 &= 290 & 390 & : 5 = 78 \\
 5 \cdot 86 &= 430 & 510 & : 5 = 102 \\
 5 \cdot 69 &= 345 & 670 & : 5 = 134 \\
 5 \cdot 74 &= 370 & 490 & : 5 = 98 \\
 5 \cdot 28 &= 140 & 740 & : 5 = 148 \\
 5 \cdot 92 &= 460 & 870 & : 5 = 174 \\
 5 \cdot 66 &= 330 & &
 \end{aligned}$$

$$\underline{2 \text{ in } 824} = \underline{412 \text{ mal}}$$

800

20

4

$$\underline{4 \text{ in } 824} = \underline{206 \text{ mal}}$$

800

24

$$\underline{8 \text{ in } 824} = \underline{103 \text{ mal}}$$

800

24

$$\underline{5 \text{ in } 824 = 164 \text{ mal R.4}}$$

500

300

20

4

$$\underline{10 \text{ in } 824 = 82 \text{ mal R.4}}$$

820

4

$$\underline{2 \text{ in } 567 = 283 \text{ mal R.1}}$$

400

160

6

1

$$\underline{4 \text{ in } 567 = 141 \text{ mal R.3}}$$

400

160

4

3

$$\underline{8 \text{ in } 567 = 70 \text{ mal R.7}}$$

560

7

$$\underline{5 \text{ in } 567 = 113 \text{ mal R.2}}$$

500

50

15

2

$$\underline{10 \text{ in } 567 = 56 \text{ mal R.7}}$$

560

7

$$\underline{2) 3 \cdot 28 = 84} \quad \underline{9) 87 \cdot 3 = 29}$$

$$3 \cdot 84 = 252$$

$$3 \cdot 35 = 105$$

$$3 \cdot 72 = 216$$

$$3 \cdot 76 = 228$$

$$3 \cdot 120 = 360$$

$$3 \cdot 210 = 630$$

$$3 \cdot 325 = 975$$

$$3 \cdot 250 = 750$$

$$3 \cdot 170 = 510$$

$$3 \cdot 330 = 990$$

60

27

$$\underline{93 \cdot 3 = 31}$$

90

3

$$\underline{195 \cdot 3 = 65}$$

180

15

$$\underline{9) 219 \cdot 3 = 73}$$

210

.9

$$\underline{267 \cdot 3 = 89}$$

240

27

$$\underline{423 \cdot 3 = 141}$$

300

120

3

$$\underline{10)375 : 3 = 125} \quad \underline{567 : 3 = 189}$$

300

60

15

300

240

27

$$\underline{657 : 3 = 219} \quad \underline{765 : 3 = 255}$$

600

30

27

600

150

15

$$\underline{573 : 3 = 191} \quad \underline{849 : 3 = 283}$$

300

270

3

600

240

9

$$\underline{23)3in420 = 140mal}$$

300

120

$$\underline{3in433 = 144malR.1}$$

300

120

12

1

$$\underline{23)3in645 = 215mal}$$

600

30

15

$$\underline{3in657 = 219mal}$$

600

30

27

$$\underline{3in824 = 274malR.2}$$

600

210

12

2

$$\underline{3in968 = 322malR.2}$$

900

60

6

2

$$\underline{744 : 2 = 372}$$

600

140

4

$$\underline{744 : 3 = 248}$$

600

120

24

$$\underline{744 : 4 = 186 \checkmark}$$

400

320

24

$$\underline{744 : 5 = 148 \text{ R. } 4 \checkmark}$$

500

200

40

4

$$\underline{438 : 8 = 54 \text{ R. } 6 \checkmark} \quad \underline{438 : 10 = 43 \text{ R. } 8 \checkmark}$$

400

32

6

430

8

$$\underline{744 : 8 = 93 \checkmark}$$

720

24

$$\underline{744 : 10 = 74 \text{ R. } 4 \checkmark}$$

740

4

$$\underline{985 : 2 = 492 \text{ R. } 1 \checkmark} \quad \underline{985 : 3 = 328 \text{ R. } 1 \checkmark}$$

800

180

4

1

900

60

24

1

$$\underline{438 : 2 = 219 \checkmark}$$

400

20

18

$$\underline{438 : 3 = 146 \checkmark}$$

300

120

18

$$\underline{985 : 4 = 246 \text{ R. } 1 \checkmark} \quad \underline{985 : 5 = 197 \checkmark}$$

800

160

24

1

500

450

35

$$\underline{438 : 4 = 109 \text{ R. } 2 \checkmark} \quad \underline{438 : 5 = 87 \text{ R. } 3 \checkmark}$$

400

36

2

400

35

3

$$\underline{985 : 8 = 123 \text{ R. } 1 \checkmark} \quad \underline{985 : 10 = 98 \text{ R. } 5 \checkmark}$$

800

160

24

1

980

5

Teilen durch 6

Wir zerlegen in Sechszahlen.

6	60	96	162	414
12	120	60	120	360
18	180	36	42	54
24	240	582	657	472
30	300	540	600	420
36	360	42	<u>54</u>	<u>48</u>
42	420		3	4
48	480			
54	540			
60	600			
503	175	254	591	931
480	120	240		600
<u>18</u>	<u>54</u>	<u>12</u>		300
5	1	2		<u>30</u>
				1

- 376 · 32 = 192
- 6 · 53 = 318
- 6 · 26 = 156
- 6 · 43 = 258
- 6 · 62 = 372
- 6 · 140 = 840
- 6 · 110 = 660
- 6 · 160 = 960
- 6 · 125 = 750
- 6 · 150 = 900
- 6 · 130 = 780

Aufgabe

$$692 \cdot 2 = 346$$

600

80

12

Probe

$$2 \cdot 346 = 600 + 80 + 12 = 692$$

$$692 \cdot 3 = 230R2$$

600

90

2

$$3 \cdot 230 = 600 + 90 = 690 + 2 = 692$$

$$692 \cdot 4 = 173$$

400

280

12

$$4 \cdot 173 = 400 + 280 + 12 = 692$$

$$692 \cdot 5 = 138R2$$

500

150

40

2

$$5 \cdot 138 = 500 + 150 + 40 = 690 + 2 = 692$$

Aufgabe

692: 6 = 115R.2 6 · 115 · 600 + 60 + 30 = 690 + 2 = 692

600

60

30

2

692: 8 = 86R.4 8 · 86 = 640 + 48 = 688 + 4 = 692

640

48

4

692: 10 = 69R.2 10 · 69 · 690 + 2 = 692

690

2

137264: 3 = 88

240

24

408: 3 = 136

300

90

18

528: 3 = 176

300

210

18

696: 3 = 232

600

90

6

756: 3 = 252

600

150

6

$$\underline{13)804 : 3 = 268} \quad \underline{13)264 : 6 = 44}$$

600

240

180

24

24

$$\underline{408 : 6 = 68}$$

$$\underline{528 : 6 = 88}$$

360

480

48

48

$$\underline{696 : 6 = 116}$$

$$\underline{756 : 6 = 126}$$

600

600

60

120

36

36

$$\underline{804 : 6 = 134}$$

600

180

24

20) Gärtner Lust bindet Blumensträuße.

Zu jedem Strauß nimmt er 3 Fliederzweige oder 6 Tulpen.

Frage: Wieviel Sträuße kann er binden mit 48 Fliederzweigen oder mit 90 Tulpen?

$$\underline{3 \text{ in } 48 = 16 \text{ mal}}$$

$$\underline{6 \text{ in } 90 = 15 \text{ mal}}$$

30

60

18

30

Antwort: Gärtner Lust kann 16 Sträuße mit Fliederzweigen und 15 Sträuße mit Tulpen binden. ✓

$$\underline{25)6 \text{ in } 342 = 57 \text{ mal}}$$

300

$$\underline{6 \text{ in } 432 = 72 \text{ mal}}$$

42

420

12

$$\underline{25)6in675 = 112 \text{ mal } R.3 \checkmark}$$

$$600$$

$$60$$

$$\underline{12}$$

$$3$$

$$\underline{6in750 = 125 \text{ mal} \checkmark}$$

$$600$$

$$120$$

$$30$$

$$\underline{6in800 = 133 \text{ mal } R.2 \checkmark}$$

$$600$$

$$180$$

$$\underline{18}$$

$$2$$

$$\underline{6in948 = 158 \text{ mal} \checkmark}$$

$$600$$

$$300$$

$$48$$

7

$$2)9 \cdot 16 \text{ DM} = 144 \text{ DM}$$

$$9 \cdot 31 \text{ DM} = 279 \text{ DM}$$

$$9 \cdot 43 \text{ DM} = 387 \text{ DM}$$

$$9 \cdot 29 \text{ DM} = 261 \text{ DM}$$

$$9 \cdot 65 \text{ DM} = 585 \text{ DM}$$

$$9 \cdot 47 \text{ DM} = 423 \text{ DM}$$

$$9 \cdot 84 \text{ DM} = 756 \text{ DM}$$

$$9 \cdot 56 \text{ DM} = 504 \text{ DM}$$

$$9 \cdot 96 \text{ DM} = 864 \text{ DM}$$

$$9 \cdot 68 \text{ DM} = 612 \text{ DM}$$

$$9 \cdot 75 \text{ DM} = 675 \text{ DM}$$

$$172119DM:9 = 13DMR.8$$

90

27

$$125DM:9 = 13DMR.8$$

90

27

8

$$144DM:9 = 16DM$$

90

54

$$150DM:9 = 16DMR.6$$

90

54

6

$$175DM:9 = 19DMR.4$$

90

81

4

- 2.) $9 \cdot 16 \text{ DM} = 144 \text{ DM}$
 $9 \cdot 31 \text{ DM} = 279 \text{ DM}$
 $9 \cdot 43 \text{ DM} = 387 \text{ DM}$
 $9 \cdot 29 \text{ DM} = 261 \text{ DM}$
 $9 \cdot 65 \text{ DM} = 585 \text{ DM}$
 $9 \cdot 47 \text{ DM} = 423 \text{ DM}$
 $9 \cdot 84 \text{ DM} = 756 \text{ DM}$
 $9 \cdot 56 \text{ DM} = 504 \text{ DM}$
 $9 \cdot 96 \text{ DM} = 864 \text{ DM}$
 $9 \cdot 68 \text{ DM} = 612 \text{ DM}$
 $9 \cdot 75 \text{ DM} = 675 \text{ DM}$

7a.) Aufgabe

$117 \text{ DM} : 9 = 13 \text{ DM}$

90

27

$125 \text{ DM} : 9 = 13 \text{ DM} \text{ R. } 8$

90

27

8

Probe

$9 \cdot 13 \text{ DM} = 90 + 27 = 117 \text{ DM}$

$9 \cdot 13 \text{ DM} = 90 + 27 = 117 \text{ DM} + 8 =$
 $= 125 \text{ DM}$

$144 \text{ DM} : 9 = 16 \text{ DM}$

90

54

$9 \cdot 16 \text{ DM} = 90 + 54 = 144 \text{ DM}$

7a) Aufgabe

Probe

$$\underline{150DM \cdot 9 = 16DMR.6} \quad \underline{9 \cdot 16DM = 90 + 54 = 144DM + 6 = 150DM}$$

90

54

6

$$\underline{175DM \cdot 9 = 19DMR.4} \quad \underline{9 \cdot 19DM = 90 + 81 = 171DM + 4 = 175DM}$$

90

81

4

7b) Aufgabe

Probe

$$\underline{200DM \cdot 9 = 22DMR.2} \quad \underline{9 \cdot 22DM = 180 + 18 = 198DM + 2 = 200DM}$$

180

18

2

$$\underline{300DM \cdot 9 = 33DMR.3} \quad \underline{9 \cdot 33DM = 270 + 27 = 297DM + 3 = 300DM}$$

270

27

3

$$\underline{450DM \cdot 9 = 50DMR.1} \quad \underline{9 \cdot 50DM = 450DM}$$

7b.) Aufgabe

Probe

$$455 \text{ DM} : 9 = 50 \text{ DM R. } 5 \quad 9 \cdot 50 \text{ DM} + 5 = 455 \text{ DM} \checkmark$$

$$\begin{array}{r} 450 \\ \underline{5} \end{array}$$

$$380 \text{ DM} : 9 = 42 \text{ DM R. } 2 \quad 9 \cdot 42 \text{ DM} + 2 = 380 \text{ DM} \checkmark$$

$$\begin{array}{r} 360 \\ \underline{18} \\ 2 \end{array}$$

$$d) 90 \text{ kg in } 540 \text{ kg} = 6 \text{ mal}$$

$$90 \text{ kg in } 550 \text{ kg} = 6 \text{ mal R. } 10$$

$$\begin{array}{r} 540 \\ \underline{10} \end{array}$$

$$90 \text{ kg in } 200 \text{ kg} = 2 \text{ mal R. } 20$$

$$\begin{array}{r} 180 \\ \underline{20} \end{array}$$

$$90 \text{ kg in } 480 \text{ kg} = 5 \text{ mal R. } 30$$

$$\begin{array}{r} 450 \\ \underline{30} \end{array}$$

$$90 \text{ kg in } 360 \text{ kg} = 4 \text{ mal}$$

$$90 \text{ kg in } 400 \text{ kg} = 4 \text{ mal R. } 40$$

$$\begin{array}{r} 360 \\ \underline{40} \end{array}$$

$$90 \text{ kg in } 720 \text{ kg} = 8 \text{ mal}$$

$$\underline{d) 90 \text{ kg in } 750 \text{ kg} \cdot 8 \text{ mal R. } 30}$$

720

30

$$\underline{90 \text{ kg in } 600 \text{ kg} \cdot 6 \text{ mal R. } 60}$$

540

60

$$\underline{90 \text{ kg in } 1000 \text{ kg} = 11 \text{ mal R. } 10}$$

900

90

10

$$\underline{23) 329 : 5 = 65 \text{ R. } 4}$$

300

25

4

$$\underline{239 : 5 = 47 \text{ R. } 4}$$

200

35

4

$$\underline{23) 932 \cdot 5 = 186 \text{ R. } 2}$$

500

400

30

2

$$\underline{456 \cdot 5 = 91 \text{ R. } 1}$$

450

5

1

$$\underline{546 : 5 = 109 \text{ R. } 1}$$

500

45

1

$$\underline{654 : 5 = 130 \text{ R. } 4}$$

500

150

4

$$\underline{812 : 5 = 162 \text{ R. } 2}$$

500

300

10

2

$$\underline{23) 329 : 9 = 36 \text{ R. } 5}$$

270

54

5

$$\underline{23)239 \cdot 9 = 26R.5}$$

$$\begin{array}{r} 180 \\ \underline{54} \\ 5 \end{array}$$

$$\underline{932 : 9 = 103R.5}$$

$$\begin{array}{r} 900 \\ \underline{27} \\ 5 \end{array}$$

$$\underline{456 : 9 = 50R.6}$$

$$\begin{array}{r} 450 \\ \underline{6} \end{array}$$

$$\underline{546 : 9 = 60R.6}$$

$$\begin{array}{r} 540 \\ \underline{6} \end{array}$$

$$\underline{654 : 9 = 72R.6}$$

$$\begin{array}{r} 630 \\ \underline{18} \\ 6 \end{array}$$

$$\underline{812 : 9 = 90R.2}$$

$$\begin{array}{r} 810 \\ \underline{2} \end{array}$$

$$\underline{17a)105DM : 7 = 15DM \checkmark}$$

$$\begin{array}{r} 70 \\ 35 \end{array}$$

$$\underline{111DM : 7 = 15DM R.6DM \checkmark}$$

$$\begin{array}{r} 70 \\ \underline{35} \\ 6 \end{array}$$

$$\underline{203DM \cdot 7 = 29DM \checkmark}$$

$$\begin{array}{r} 140 \\ 63 \end{array}$$

$$\underline{259DM : 7 = 37DM \checkmark}$$

$$\begin{array}{r} 210 \\ 49 \end{array}$$

$$\underline{175DM \cdot 7 = 25DM \checkmark}$$

$$\begin{array}{r} 140 \\ 35 \end{array}$$

$$\underline{231DM : 7 = 33DM \checkmark}$$

$$\begin{array}{r} 210 \\ 21 \end{array}$$

$$\begin{array}{r} 54 \\ \underline{175DM \cdot 7 = 22DM \checkmark} \end{array}$$

$$\begin{array}{r} 140 \\ 14 \end{array}$$

$$\underline{133DM : 7 = 19DM \checkmark}$$

$$\begin{array}{r} 70 \\ 63 \end{array}$$

$$\underline{17a) 298 \text{ DM} : 7 = 42 \text{ DM R. } 4 \text{ DM} \checkmark$$

$$\begin{array}{r} 280 \\ \underline{14} \\ 4 \end{array} \quad \begin{array}{r} \underline{277 \text{ DM} : 7 = 39 \text{ DM R. } 4 \text{ DM} \checkmark} \\ 210 \\ \underline{63} \\ 4 \end{array}$$

$$\underline{312 \text{ DM} : 7 = 44 \text{ DM R. } 4 \text{ DM} \checkmark}$$

$$\begin{array}{r} 280 \\ \underline{28} \\ 4 \end{array}$$

$$\underline{17b) 469 \text{ l} : 7 = 67 \text{ l} \checkmark$$

$$\begin{array}{r} 420 \\ 49 \end{array} \quad \begin{array}{r} \underline{413 \text{ l} : 7 = 59 \text{ l} \checkmark} \\ 350 \\ 63 \end{array}$$

$$\underline{455 \text{ l} : 7 = 65 \text{ l} \checkmark}$$

$$\begin{array}{r} 420 \\ 35 \end{array} \quad \begin{array}{r} \underline{378 \text{ l} : 7 = 54 \text{ l} \checkmark} \\ 350 \\ 28 \end{array}$$

$$\underline{17b) 511 \text{ l} : 7 = 73 \text{ l} \checkmark}$$

$$\begin{array}{r} 490 \\ 21 \end{array} \quad \begin{array}{r} \underline{616 \text{ l} : 7 = 88 \text{ l} \checkmark} \\ 560 \\ 56 \end{array}$$

$$\underline{532 \text{ l} : 7 = 76 \text{ l} \checkmark}$$

$$\begin{array}{r} 490 \\ 42 \end{array}$$

Herr Schön kauft ein Radiogerät für 480 DM. 60 DM zahlt er sofort, den Rest in 7 (Monaten) Monatsraten. Wieviel DM muß Herr Schön monatlich zahlen?

$$480 \text{ DM} - 60 \text{ DM} = 420 \text{ DM}$$

$$420 \text{ DM} : 7 = 60 \text{ DM}$$

Antwort: Herr Schön muß monatlich 60 DM zahlen.

$$\underline{24)746 : 5 = 149 \text{ R.1}}$$

500

200

45

1

$$\underline{358 : 5 = 71 \text{ R.3}}$$

350

5

3

$$\underline{867 : 5 = 173 \text{ R.2}}$$

500

350

15

2

$$\underline{444 : 5 = 88 \text{ R.4}}$$

400

40

4

$$\underline{609 : 5 = 121 \text{ R.4}}$$

500

400

5

4

$$\underline{982 : 5 = 196 \text{ R.2}}$$

500

450

30

2

GLOCK

Astrid Pflüger
Klasse: 3a
3. Schuljahr
8. Rechenheft

Nr. 10

80 g holzfrei

$$\underline{24)556: 5 = 111R.1}$$

500

50

5

1

$$\underline{24)746: 7 = 106R.4}$$

700

42

4

358: 7 = 51R.1

350

7

1

$$\underline{867: 7 = 123R.6}$$

700

140

21

6

444: 7 = 63R.3

420

21

3

$$\underline{609: 7 = 87}$$

560

49

$$\underline{24)982 : 7 = 140R.2} \checkmark$$

$$\begin{array}{r} 700 \\ \underline{280} \\ 2 \end{array} \quad \begin{array}{r} \underline{556 : 7 = 79R.3} \checkmark \\ 490 \\ \underline{63} \\ 3 \end{array}$$

$$\underline{24)746 : 9 = 82R.8} \checkmark$$

$$\begin{array}{r} 720 \\ \underline{18} \\ 8 \end{array} \quad \begin{array}{r} \underline{358 : 9 = 39R.7} \checkmark \\ 270 \\ \underline{81} \\ 7 \end{array}$$

$$\underline{867 : 9 = 96R.3} \checkmark$$

$$\begin{array}{r} 810 \\ \underline{54} \\ 3 \end{array} \quad \begin{array}{r} \underline{444 : 9 = 49R.3} \checkmark \\ 360 \\ \underline{81} \\ 3 \end{array}$$

$$\underline{609 : 9 = 67R.6} \checkmark$$

$$\begin{array}{r} 540 \\ \underline{63} \\ 6 \end{array}$$

$$\underline{24)982 : 9 = 109R.1} \checkmark$$

$$\begin{array}{r} 900 \\ \underline{81} \\ 1 \end{array} \quad \begin{array}{r} \underline{556 : 9 = 61R.7} \checkmark \\ 540 \\ \underline{9} \\ 7 \end{array}$$

$$\underline{32)60 \cdot 13m = 780m} \checkmark$$

$$70 \cdot 14m = 980m \checkmark$$

$$80 \cdot 12m = 960m \checkmark$$

$$40 \cdot 23m = 920m \checkmark$$

$$10 \cdot 96m = 960m \checkmark$$

$$70 \cdot 11m = 770m \checkmark$$

$$50 \cdot 15m = 750m \checkmark$$

$$90 \cdot 10m = 900m \checkmark$$

$$\underline{33)30} \cdot 33 \text{ kg} = 990 \text{ kg} \checkmark$$

$$50 \cdot 20 \text{ kg} = 1000 \text{ kg} \checkmark$$

$$50 \cdot 16 \text{ kg} = 900 \text{ kg} \checkmark$$

$$60 \cdot 14 \text{ kg} = 840 \text{ kg} \checkmark$$

$$10 \cdot 55 \text{ kg} = 550 \text{ kg} \checkmark$$

$$40 \cdot 22 \text{ kg} = 880 \text{ kg} \checkmark$$

$$30 \cdot 23 \text{ kg} = 690 \text{ kg} \checkmark$$

$$70 \cdot 12 \text{ kg} = 840 \text{ kg} \checkmark$$

$$\underline{34)20} \cdot 17 \text{ DM} = 340 \text{ DM} \checkmark$$

$$40 \cdot 17 \text{ DM} = 680 \text{ DM} \checkmark$$

$$20 \cdot 28 \text{ DM} = 560 \text{ DM} \checkmark$$

$$30 \cdot 28 \text{ DM} = 840 \text{ DM} \checkmark$$

$$10 \cdot 26 \text{ DM} = 260 \text{ DM} \checkmark$$

$$30 \cdot 26 \text{ DM} = 780 \text{ DM} \checkmark$$

$$40 \cdot 19 \text{ DM} = 760 \text{ DM} \checkmark$$

$$50 \cdot 19 \text{ DM} = 950 \text{ DM} \checkmark$$

$$\underline{35)40} \cdot 15 = 600 \checkmark$$

$$15 \cdot 40 = 600 \checkmark$$

$$70 \cdot 13 = 910 \checkmark$$

$$13 \cdot 70 = 910 \checkmark$$

$$50 \cdot 14 = 700 \checkmark$$

$$14 \cdot 50 = 700 \checkmark$$

$$30 \cdot 24 = 720 \checkmark$$

$$24 \cdot 30 = 720 \checkmark$$

$$\underline{39)300} : 20 = 15 \checkmark$$

$$200 \quad \underline{420} : 20 = 21 \checkmark$$

$$100 \quad 400$$

$$20$$

$$\underline{580} : 20 = 29 \checkmark$$

$$400 \quad \underline{565} : 20 = 28 \text{ R. } 5 \checkmark$$

$$180 \quad 400$$

$$\underline{160}$$

$$5$$

$$\underline{39)297 : 20 = 14R.17\checkmark}$$

$$\begin{array}{r} 200 \\ \underline{80} \\ 17 \end{array} \quad \begin{array}{r} \underline{801 : 20 = 40R.1\checkmark} \\ 800 \\ \underline{\quad} \\ 1 \end{array}$$

$$\underline{40)120 : 30 = 4\checkmark}$$

$$\begin{array}{r} \underline{690 : 30 = 23\checkmark} \\ 600 \\ \underline{\quad} \\ 90 \end{array}$$

$$\underline{570 : 30 = 19\checkmark}$$

$$\begin{array}{r} 300 \\ 270 \end{array} \quad \begin{array}{r} \underline{200 : 30 = 6R.20\checkmark} \\ 180 \\ \underline{\quad} \\ 20 \end{array}$$

$$\underline{367 : 30 = 12R.7\checkmark}$$

$$\begin{array}{r} 300 \\ \underline{60} \\ 7 \end{array} \quad \begin{array}{r} \underline{700 : 30 = 23R.10\checkmark} \\ 600 \\ \underline{\quad} \\ 90 \\ \underline{\quad} \\ 10 \end{array}$$

$$\underline{41)360 : 40 = 9\checkmark}$$

$$\begin{array}{r} \underline{960 : 40 = 24\checkmark} \\ 800 \\ \underline{\quad} \\ 160 \end{array}$$

$$\underline{680 : 40 = 17\checkmark}$$

$$\begin{array}{r} 400 \\ 280 \end{array} \quad \begin{array}{r} \underline{300 : 40 = 7R.20\checkmark} \\ 280 \\ \underline{\quad} \\ 20 \end{array}$$

$$\underline{546 : 40 = 13R.26\checkmark}$$

$$\begin{array}{r} 400 \\ 120 \\ \underline{\quad} \\ 26 \end{array} \quad \begin{array}{r} \underline{815 : 40 = 20R.15\checkmark} \\ 800 \\ \underline{\quad} \\ 15 \end{array}$$

$$\underline{43)780 : 60 = 13 \downarrow}$$

$$\begin{array}{r} 600 \\ 180 \end{array} \quad \underline{560 : 80 = 7 \downarrow}$$

$$\underline{720 : 90 = 8 \downarrow}$$

$$\underline{700 : 70 = 10 \downarrow}$$

$$\underline{820 : 20 = 41 \downarrow}$$

$$\begin{array}{r} 800 \\ 20 \end{array} \quad \underline{820 : 40 = 25 \downarrow}$$
$$\begin{array}{r} 800 \\ 20 \end{array}$$

$$\underline{44)245 : 30 = 8R5 \downarrow}$$

$$\begin{array}{r} 240 \\ 5 \end{array} \quad \underline{910 : 90 = 10R10 \downarrow}$$
$$\begin{array}{r} 900 \\ 10 \end{array}$$

$$\underline{500 : 40 = 12R20 \downarrow}$$

$$\begin{array}{r} 400 \\ 80 \\ 20 \end{array} \quad \underline{685 : 20 = 34R5 \downarrow}$$
$$\begin{array}{r} 600 \\ 80 \\ 5 \end{array}$$

$$\underline{44)825 : 50 = 16R25 \downarrow}$$

$$\begin{array}{r} 500 \\ 300 \\ 25 \end{array} \quad \underline{760 : 60 = 12R40 \downarrow}$$
$$\begin{array}{r} 600 \\ 120 \\ 40 \end{array}$$

$$\underline{45)1000m : 20 = 50m \downarrow}$$

$$\underline{1000m : 30 = 33mR10m \downarrow}$$
$$\begin{array}{r} 900 \\ 90 \\ 10 \end{array}$$

$$\underline{1000m : 40 = 25m \downarrow}$$

$$\begin{array}{r} 800 \\ 200 \end{array} \quad \underline{1000m : 50 = 20m \downarrow}$$

$$\underline{1000m : 60 = 16mR40m \downarrow}$$

$$\begin{array}{r} 600 \\ 360 \\ 40 \end{array} \quad \underline{1000m : 70 = 14mR20m \downarrow}$$
$$\begin{array}{r} 700 \\ 280 \\ 20 \end{array}$$

45) 1000m : 80 = 12m R. 40m

800 1000m : 90 = 11m R. 10m

160 900
40 90
 10

1000m : 100 = 10m

1000m : 200 = 5m

1000m : 250m = 4m

1000m : 125 = 8m

7.)

Zum Nachdenken

Mein gespartes Geld könnte ich unter meine 4 Geschwister verteilen. Dann bekäme jedes 92DM.

4 · 92DM = 368DM

Antwort:

Ich habe 368DM gespart.

14a.) Kettenaufgaben

- 360 : 4 = 90 ✓
- 90 + 150 = 240 ✓
- 240 * 3 = 80 ✓
- 80 · 7 = 560 ✓
- 560 + 40 = 600 ✓
- 600 : 20 = 30 ✓
- 30 · 9 = 270 ✓
- 270 + 90 = 360 ✓

1000	
500	500
250	250
125	125
125	125

- 500 in 1000 = 2mal ✓
- 250 in 1000 = 4mal ✓
- 125 in 1000 = 8mal ✓
- 250 in 500 = 2mal ✓
- 125 in 500 = 4mal ✓
- 125 in 250 = 2mal ✓

f

5.) Ich denke mir eine Zahl, dann verdoppele ich sie. Jetzt fehlen mir noch 100 bis 1000. ✓

$$1000 - 100 = 900 \checkmark$$

$$900 : 2 = 450 \checkmark$$

800

100

Antwort:

Meine gedachte Zahl heißt 450. ✓

6.) Ich teile meine Zahl durch 2. Dann fehlen mir noch 10 an 50. ✓

$$50 - 10 = 40 \checkmark$$

$$2 \cdot 40 = 80 \checkmark$$

Antwort:

Meine gedachte Zahl heißt 80. ✓

8.) Das Fünfzehnfache meiner Zahl heißt 750. ✓

$$750 : 15 = 50 \checkmark$$

8.)

Antwort:

Meine gedachte Zahl heißt 50. ✓

9.) Der 25. Teil meiner Zahl heißt 9. ✓

$$9 \cdot 25 = 225 \checkmark$$

Antwort:

Meine gedachte Zahl heißt 225. ✓

10.) Nimm von 700 70 weg, so hast du das Siebenfache meiner Zahl. ✓

$$700 - 70 = 630 \checkmark$$

$$630 : 7 = 90 \checkmark$$

Antwort:

Die gedachte Zahl ist 90. ✓

Schriftliches Rechnen

Zusammenzählen

2a-b) Schreibe richtig untereinander!

$$\begin{array}{r} 145l \\ +431l \\ \hline 576l \checkmark \end{array} \quad \begin{array}{r} 523l \\ +360l \\ \hline 883l \checkmark \end{array} \quad \begin{array}{r} 617l \\ +201l \\ \hline 818l \checkmark \end{array} \quad \begin{array}{r} 261l \\ +125l \\ \hline 386l \checkmark \end{array}$$

$$\begin{array}{r} 444l \\ +103l \\ \hline 547l \checkmark \end{array} \quad \begin{array}{r} 612l \\ +255l \\ \hline 867l \checkmark \end{array} \quad \begin{array}{r} 309l \\ +430l \\ \hline 739l \checkmark \end{array} \quad \begin{array}{r} 717l \\ +282l \\ \hline 999l \checkmark \end{array}$$

$$\begin{array}{r} 555l \\ +233l \\ \hline 788l \checkmark \end{array} \quad \begin{array}{r} 676l \\ +222l \\ \hline 898l \checkmark \end{array}$$

8a-f)

$$\begin{array}{r} 103m \\ 430" \\ 52" \\ +204" \\ \hline 789m \end{array} \quad \begin{array}{r} 40m \\ 305" \\ 221" \\ +32" \\ \hline 598m \end{array} \quad \begin{array}{r} 241m \\ 100" \\ 61" \\ +120" \\ \hline 522m \end{array} \quad \begin{array}{r} 241m \\ 220" \\ 212" \\ +6" \\ \hline 679m \end{array}$$

$$\begin{array}{r} 35m \\ 520" \\ 210" \\ +4" \\ \hline 769m \end{array} \quad \begin{array}{r} 6m \\ 640" \\ 231" \\ +12" \\ \hline 889m \end{array}$$

$$\begin{array}{r} \underline{12.)a)} 529 \text{ kg} \\ +268 \text{ kg} \\ \hline 797 \text{ kg} \checkmark \end{array} \quad \begin{array}{r} \underline{b)} 183 \text{ kg} \\ +307 \text{ kg} \\ \hline 490 \text{ kg} \checkmark \end{array} \quad \begin{array}{r} \underline{c)} 416 \text{ kg} \\ +539 \text{ kg} \\ \hline 955 \text{ kg} \checkmark \end{array}$$

$$\begin{array}{r} \underline{d)} 708 \text{ kg} \\ +185 \text{ kg} \\ \hline 893 \text{ kg} \checkmark \end{array} \quad \begin{array}{r} \underline{e)} 357 \text{ kg} \\ +225 \text{ kg} \\ \hline 582 \text{ kg} \checkmark \end{array} \quad \begin{array}{r} \underline{f)} 814 \text{ kg} \\ +157 \text{ kg} \\ \hline 971 \text{ kg} \checkmark \end{array}$$

$$\begin{array}{r} \underline{g)} 628 \text{ kg} \\ +249 \text{ kg} \\ \hline 877 \text{ kg} \checkmark \end{array}$$

$$\begin{array}{r} \underline{14.)a)} 469 \text{ kg} \\ +273 \text{ kg} \\ \hline 742 \text{ kg} \checkmark \end{array} \quad \begin{array}{r} \underline{b)} 317 \text{ kg} \\ 256 \text{ kg} \\ +172 \text{ kg} \\ \hline 745 \text{ kg} \checkmark \end{array} \quad \begin{array}{r} \underline{c)} 509 \text{ kg} \\ 43 \text{ kg} \\ +182 \text{ kg} \\ \hline 734 \text{ kg} \checkmark \end{array}$$

$$\begin{array}{r}
 \underline{14.)d)} \quad 76 \text{ kg} \quad \underline{e)} 443 \text{ kg} \quad \underline{f)} 653 \text{ kg} \\
 132 \text{ kg} \quad 216 \text{ kg} \quad 126 \text{ kg} \\
 + \underline{252 \text{ kg}} \quad + \underline{242 \text{ kg}} \quad + \underline{221 \text{ kg}} \\
 \hline
 460 \text{ kg} \checkmark \quad 901 \text{ kg} \checkmark \quad 1000 \text{ kg} \checkmark
 \end{array}$$

$$\begin{array}{r}
 \underline{15.)a)} 473 \quad \underline{b)} 316 \\
 270 \quad 58 \\
 + \underline{128} \quad + \underline{242} \\
 \hline
 871 \checkmark \quad 616 \checkmark \quad \text{f}
 \end{array}$$

18.) Schreibe richtig untereinander und zähle zusammen!

$$\begin{array}{r}
 a) 206 \text{ DM} \quad (b.) 121) \quad b.) ? \\
 143 \text{ DM} \\
 27 \text{ DM} \\
 + 315 \text{ DM} \\
 \hline
 691 \text{ DM}
 \end{array}$$

18.) Schreibe richtig untereinander und zähle zusammen!

$$\begin{array}{r}
 a) 206 \text{ DM} \quad b) 39 \text{ m} \quad c) 147 \text{ l} \\
 143 \text{ DM} \quad 306 \text{ m} \quad 16 \text{ l} \\
 27 \text{ DM} \quad 8 \text{ m} \quad 300 \text{ l} \\
 + \underline{315 \text{ DM}} \quad + \underline{123 \text{ m}} \quad + \underline{9 \text{ l}} \\
 \hline
 691 \text{ DM} \quad 476 \text{ m} \quad 472 \text{ l}
 \end{array}$$

$$\begin{array}{r}
 d) 85 \quad e) 115 \quad f) 362 \\
 413 \quad 28 \quad 93 \\
 90 \quad 206 \quad 140 \\
 + 350 \quad 9 \quad 72 \\
 + \underline{21} \quad + \underline{40} \quad + \underline{81} \\
 \hline
 959 \quad 398 \quad 748
 \end{array}$$

$$\begin{array}{r}
 \underline{18.)a) 206DM} \\
 143DM \\
 27DM \\
 + 315DM \\
 \hline
 691DM
 \end{array}$$

$$\begin{array}{r}
 \underline{b) 39m} \\
 306m \\
 8m \\
 + 123m \\
 \hline
 476m
 \end{array}$$

$$\begin{array}{r}
 \underline{c) 147l} \\
 16l \\
 300l \\
 + 9l \\
 \hline
 472l
 \end{array}$$

$$\begin{array}{r}
 \underline{d) 412} \\
 138 \\
 210 \\
 109 \\
 + 17 \\
 \hline
 886
 \end{array}$$

$$\begin{array}{r}
 \underline{e) 4} \\
 48 \\
 516 \\
 217 \\
 + 9 \\
 \hline
 794
 \end{array}$$

$$\begin{array}{r}
 \underline{f) 613} \\
 54 \\
 107 \\
 5 \\
 + 219 \\
 \hline
 998
 \end{array}$$

$$\begin{array}{r}
 \underline{20.)a) 117} \\
 340 \\
 19 \\
 + 216 \\
 \hline
 692
 \end{array}$$

$$\begin{array}{r}
 \underline{b) 543} \\
 71 \\
 290 \\
 + 5 \\
 \hline
 909
 \end{array}$$

$$\begin{array}{r}
 \underline{c) 228} \\
 35 \\
 110 \\
 + 7 \\
 \hline
 380
 \end{array}$$

$$\begin{array}{r}
 \underline{d) 80} \\
 462 \\
 3 \\
 + 391 \\
 \hline
 936
 \end{array}$$

$$\begin{array}{r}
 \underline{20.)e) 608} \\
 17 \\
 129 \\
 + 4 \\
 \hline
 758
 \end{array}$$

$$\begin{array}{r}
 \underline{f) 9} \\
 34 \\
 2 \\
 + 308 \\
 \hline
 353
 \end{array}$$

$$\begin{array}{r}
 \underline{g) 48} \\
 107 \\
 312 \\
 + 88 \\
 \hline
 555
 \end{array}$$

f

$$\begin{array}{r}
 \underline{22.)a) 127} \\
 54 \\
 216 \\
 8 \\
 342 \\
 + 189 \\
 \hline
 936\checkmark
 \end{array}$$

$$\begin{array}{r}
 \underline{b) 96} \\
 206 \\
 449 \\
 120 \\
 5 \\
 + 72 \\
 \hline
 948\checkmark
 \end{array}$$

$$\begin{array}{r}
 \underline{c) 251} \\
 350 \\
 88 \\
 113 \\
 79 \\
 + 111 \\
 \hline
 992\checkmark
 \end{array}$$

$$\begin{array}{r}
 \underline{d) 203} \\
 87 \\
 105 \\
 381 \\
 218 \\
 + 6 \\
 \hline
 1000\checkmark
 \end{array}$$

$$\begin{array}{r}
 \underline{e.) 9} \\
 126 \\
 7 \\
 90 \\
 147 \\
 + 608 \\
 \hline
 987\checkmark
 \end{array}$$

<u>23)</u> 54	<u>24)</u> 77	<u>25)</u> 86
67	9	35
42	68	7
18	11	44
35	90	9
+ 23	+ 47	+ 58
<u>239</u> ✓	<u>302</u> ✓	<u>239</u> ✓

<u>27)</u> 146	<u>28)</u> 226
57	170
309	9
16	183
150	27
8	304
+ 224	+ 88
<u>910</u> ✓	<u>957</u> ✓

Schriftliches Rechnen

Abziehen

Frau Alt hat 285 DM gespart. Sie kauft einen Mantel für 123 DM.

285 DM (Vollzahl)

- 123 " (Abzugszahl)

162 DM (Rest oder Unterschied)

Wir ermitteln den Rest nur durch

Drauflegen

Spruch:

$$3 + 2 = 5$$

$$2 + 6 = 8$$

$$1 + 1 = 2$$

32.) a) 1765 m b) 586 m c) 947 m

- 523 m - 372 m - 635 m

242 m ✓ 214 m ✓ 312 m ✓

$$\begin{array}{r}
 \underline{32.)d) 679\text{ m}} \\
 - 138\text{ m} \\
 \hline
 541\text{ m} \checkmark
 \end{array}
 \quad
 \begin{array}{r}
 \underline{e) 394\text{ m}} \\
 - 273\text{ m} \\
 \hline
 121\text{ m} \checkmark
 \end{array}
 \quad
 \begin{array}{r}
 \underline{f) 834\text{ m}} \\
 - 712\text{ m} \\
 \hline
 122\text{ m} \checkmark
 \end{array}$$

$$\begin{array}{r}
 \underline{34.)d) 587\text{ l}} \\
 - 316\text{ l} \\
 \hline
 271\text{ l} \checkmark
 \end{array}
 \quad
 \begin{array}{r}
 \underline{e) 976\text{ l}} \\
 - 430\text{ l} \\
 \hline
 546\text{ l} \checkmark
 \end{array}
 \quad
 \begin{array}{r}
 \underline{f) 654\text{ l}} \\
 - 531\text{ l} \\
 \hline
 123\text{ l} \checkmark
 \end{array}$$

33.) Bauer Scholl konnte in einer Woche 675 l, sein Nachbar Ritz nur 435 l Milch an die Melkerei abliefern. Vergleiche! Wie rechnest du?

$$\begin{array}{r}
 675\text{ l} \\
 - 435\text{ l} \\
 \hline
 240\text{ l} \checkmark
 \end{array}$$

Antwort:

Bauer Scholl konnte 240 l Milch mehr abliefern als Nachbar Ritz. ✓

$$\begin{array}{r}
 \underline{34.)a) 452\text{ l}} \\
 - 142\text{ l} \\
 \hline
 310\text{ l} \checkmark
 \end{array}
 \quad
 \begin{array}{r}
 \underline{b) 287\text{ l}} \\
 - 175\text{ l} \\
 \hline
 112\text{ l} \checkmark
 \end{array}
 \quad
 \begin{array}{r}
 \underline{c) 785\text{ l}} \\
 - 460\text{ l} \\
 \hline
 325\text{ l} \checkmark
 \end{array}$$

$$\begin{array}{r}
 \underline{39.)a) 840\text{ DM}} \\
 - 831\text{ DM} \\
 \hline
 9\text{ DM} \checkmark
 \end{array}
 \quad
 \begin{array}{r}
 \underline{b) 360\text{ DM}} \\
 - 349\text{ DM} \\
 \hline
 11\text{ DM} \checkmark
 \end{array}
 \quad
 \begin{array}{r}
 \underline{c) 780\text{ DM}} \\
 - 764\text{ DM} \\
 \hline
 16\text{ DM} \checkmark
 \end{array}$$

$$\begin{array}{r}
 \underline{d) 950\text{ DM}} \\
 - 928\text{ DM} \\
 \hline
 22\text{ DM} \checkmark
 \end{array}
 \quad
 \begin{array}{r}
 \underline{e) 450\text{ DM}} \\
 - 419\text{ DM} \\
 \hline
 31\text{ DM} \checkmark
 \end{array}$$

$$\begin{array}{r}
 \underline{40.)a) 670\text{ DM}} \\
 - 461\text{ DM} \\
 \hline
 209\text{ DM} \checkmark
 \end{array}
 \quad
 \begin{array}{r}
 \underline{b) 290\text{ DM}} \\
 - 135\text{ DM} \\
 \hline
 155\text{ DM} \checkmark
 \end{array}
 \quad
 \begin{array}{r}
 \underline{c) 950\text{ DM}} \\
 - 824\text{ DM} \\
 \hline
 126\text{ DM} \checkmark
 \end{array}$$

$$\begin{array}{r}
 \underline{d) 730\text{ DM}} \\
 - 128\text{ DM} \\
 \hline
 602\text{ DM} \checkmark
 \end{array}
 \quad
 \begin{array}{r}
 \underline{e) 521\text{ DM}} \\
 - 418\text{ DM} \\
 \hline
 103\text{ DM} \checkmark
 \end{array}
 \quad
 \begin{array}{r}
 \underline{f) 851\text{ DM}} \\
 - 317\text{ DM} \\
 \hline
 534\text{ DM} \checkmark
 \end{array}$$

$$\begin{array}{r} \underline{41) a) 341} \\ - 132 \\ \hline 209 \checkmark \end{array} \quad \begin{array}{r} \underline{b) 453} \\ - 126 \\ \hline 327 \checkmark \end{array} \quad \begin{array}{r} \underline{c) 932} \\ - 607 \\ \hline 325 \checkmark \end{array} \quad \begin{array}{r} \underline{d) 596} \\ - 459 \\ \hline 137 \checkmark \end{array}$$

$$\begin{array}{r} \underline{e) 724} \\ - 218 \\ \hline 506 \checkmark \end{array} \quad \begin{array}{r} \underline{f) 275} \\ - 137 \\ \hline 138 \checkmark \end{array} \quad \begin{array}{r} \underline{g) 897} \\ - 748 \\ \hline 149 \checkmark \end{array} \quad \begin{array}{r} \underline{h) 666} \\ - 519 \\ \hline 147 \checkmark \end{array}$$

✓

$$\begin{array}{r} \underline{43) a) 410} \\ - 188 \\ \hline 222 \checkmark \end{array} \quad \begin{array}{r} \underline{b) 846} \\ - 596 \\ \hline 250 \checkmark \end{array} \quad \begin{array}{r} \underline{c) 321} \\ - 172 \\ \hline 149 \checkmark \end{array} \quad \begin{array}{r} \underline{d) 753} \\ - 467 \\ \hline 286 \checkmark \end{array}$$

$$\begin{array}{r} \underline{e) 937} \\ - 659 \\ \hline 278 \checkmark \end{array} \quad \begin{array}{r} \underline{f) 622} \\ - 488 \\ \hline 134 \checkmark \end{array}$$

$$\begin{array}{r} \underline{44) a) 814} \\ - 238 \\ \hline 576 \end{array} \quad \begin{array}{r} \underline{b) 605} \\ - 316 \\ \hline 289 \end{array} \quad \begin{array}{r} \underline{c) 950} \\ - 287 \\ \hline 663 \end{array} \quad \begin{array}{r} \underline{d) 700} \\ - 153 \\ \hline 547 \end{array}$$

$$\begin{array}{r} \underline{44) e) 666} \\ - 477 \\ \hline 189 \end{array} \quad \begin{array}{r} \underline{f) 901} \\ - 355 \\ \hline 546 \end{array} \quad \begin{array}{r} \underline{g) 582} \\ - 199 \\ \hline 383 \end{array} \quad \begin{array}{r} \underline{h) 1000} \\ - 632 \\ \hline 368 \end{array}$$

$$\begin{array}{r} \underline{46) a) 673} \\ - 153 \\ \hline 520 \end{array} \quad \begin{array}{r} \underline{b) 673} \\ - 462 \\ \hline 211 \end{array} \quad \begin{array}{r} \underline{c) 673} \\ - 231 \\ \hline 442 \end{array} \quad \begin{array}{r} \underline{d) 673} \\ - 314 \\ \hline 359 \end{array}$$

$$\begin{array}{r} \underline{e) 673} \\ - 248 \\ \hline 425 \end{array} \quad \begin{array}{r} \underline{f) 673} \\ - 492 \\ \hline 181 \end{array} \quad \begin{array}{r} \underline{g) 673} \\ - 180 \\ \hline 493 \end{array} \quad \begin{array}{r} \underline{h) 673} \\ - 576 \\ \hline 97 \end{array}$$

$$\begin{array}{r} \underline{47) a) 928} \\ - 617 \\ \hline 311 \end{array} \quad \begin{array}{r} \underline{b) 928} \\ - 306 \\ \hline 622 \end{array} \quad \begin{array}{r} \underline{c) 928} \\ - 710 \\ \hline 218 \end{array} \quad \begin{array}{r} \underline{d) 928} \\ - 219 \\ \hline 709 \end{array}$$

$$\begin{array}{r} \underline{e) 928} \\ - 570 \\ \hline 358 \end{array} \quad \begin{array}{r} \underline{f) 928} \\ - 809 \\ \hline 119 \end{array} \quad \begin{array}{r} \underline{g) 928} \\ - 482 \\ \hline 446 \end{array} \quad \begin{array}{r} \underline{h) 928} \\ - 759 \\ \hline 169 \end{array}$$

✓

$$\begin{array}{r} \underline{50) 800} \quad 800 \quad 800 \quad 800 \\ -180 \quad -630 \quad -207 \quad -481 \\ \hline 620 \checkmark \quad 170 \checkmark \quad 593 \checkmark \quad 319 \checkmark \end{array}$$

$$\begin{array}{r} 800 \quad 800 \quad 800 \quad 800 \\ -318 \quad -546 \quad -259 \quad -477 \\ \hline 482 \checkmark \quad 254 \checkmark \quad 541 \checkmark \quad 323 \checkmark \end{array}$$

$$\begin{array}{r} \underline{52) 932} \quad 932 \quad 932 \quad 932 \\ -648 \quad -269 \quad -187 \quad -416 \\ \hline 284 \checkmark \quad 663 \checkmark \quad 745 \checkmark \quad 516 \checkmark \end{array}$$

$$\begin{array}{r} 932 \quad 932 \quad 932 \quad 932 \\ -333 \quad -508 \quad -615 \quad -772 \\ \hline 599 \checkmark \quad 424 \checkmark \quad 317 \checkmark \quad 160 \checkmark \end{array}$$

56.) Familie Klein hat in einem Monat 584 DM eingenommen und 458 DM ausgegeben. Wieviel Mark konnte sie sparen?

$$\begin{array}{r} 584 \text{ DM} \\ -458 \text{ DM} \\ \hline 126 \text{ DM} \checkmark \end{array}$$

56) Antwort

Familie Klein konnte 126 DM sparen. ✓

$$\begin{array}{r} \underline{51.) a) 685} \quad \underline{b) 685} \quad \underline{c) 685} \quad \underline{d) 685} \\ -226 \quad -407 \quad -339 \quad -572 \\ \hline 459 \checkmark \quad 278 \checkmark \quad 346 \checkmark \quad 113 \checkmark \end{array}$$

$$\begin{array}{r} \underline{e) 685} \quad \underline{f) 685} \quad \underline{g) 685} \quad \underline{h) 685} \\ -156 \quad -411 \quad -377 \quad -560 \\ \hline 529 \checkmark \quad 274 \checkmark \quad 308 \checkmark \quad 125 \checkmark \end{array}$$

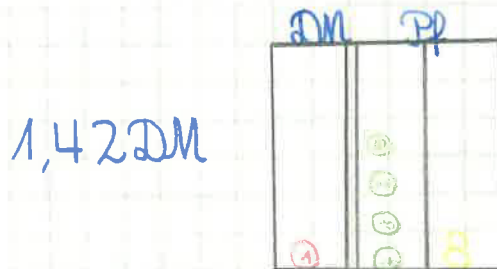
$$\begin{array}{r} \underline{54.) a) 275} \quad \underline{b) 328} \quad \underline{c) 415} \quad \underline{d) 311} \\ +314 \quad +511 \quad +371 \quad +286 \\ \hline 589 \checkmark \quad 839 \checkmark \quad 786 \checkmark \quad 597 \checkmark \end{array}$$

$$\begin{array}{r} \underline{e) 333} \quad \underline{f) 600} \\ +254 \quad +135 \\ \hline 587 \checkmark \quad 735 \checkmark \end{array}$$

$$\begin{array}{r} \underline{55) a) 323} \\ 144 \\ + 320 \\ \hline 787 \end{array} \quad \begin{array}{r} \underline{b) 405} \\ 301 \\ + 182 \\ \hline 888 \end{array} \quad \begin{array}{r} \underline{c) 252} \\ 423 \\ + 21 \\ \hline 696 \end{array} \quad \begin{array}{r} \underline{d) 430} \\ 204 \\ + 11 \\ \hline 645 \end{array}$$

$$\begin{array}{r} \underline{e) 635} \\ 22 \\ + 111 \\ \hline 768 \end{array} \quad \begin{array}{r} \underline{f) 212} \\ 37 \\ + 340 \\ \hline 589 \end{array} \quad 7$$

Kommazahlen



~~5 DM 35 Pf~~ DM
5,35 DM

$$\begin{array}{l} \underline{3) a) 4 DM 36 Pf} = 4,36 DM \\ 1 DM 18 Pf = 1,18 DM \\ 5 DM 72 Pf = 5,72 DM \\ \\ \underline{b) 1 DM 85 Pf} = 1,85 DM \\ 6 DM 24 Pf = 6,24 DM \\ 2 DM 33 Pf = 2,33 DM \end{array}$$

$$\begin{array}{l} \underline{4) a) 345 Pf} = 3,45 DM \\ 876 Pf = 8,76 DM \\ 428 Pf = 4,28 DM \\ 176 Pf = 1,76 DM \end{array}$$

$$\begin{array}{l} \underline{b) 612 Pf} = 6,12 DM \\ 448 Pf = 4,48 DM \\ 592 Pf = 5,92 DM \\ 955 Pf = 9,55 DM \end{array}$$

$$\begin{array}{l} \underline{6) a) 76 Pf} = 0,76 DM \\ 38 Pf = 0,38 DM \\ 12 Pf = 0,12 DM \\ 45 Pf = 0,45 DM \end{array}$$

$$\underline{6.)} 26 \text{ Pf} = 0,26 \text{ DM} \checkmark$$

$$\underline{7.)} 81 \text{ Pf} = 0,81 \text{ DM} \checkmark$$

$$66 \text{ Pf} = 0,66 \text{ DM} \checkmark$$

$$92 \text{ Pf} = 0,92 \text{ DM} \checkmark$$

$$54 \text{ Pf} = 0,54 \text{ DM} \checkmark$$

$$39 \text{ Pf} = 0,39 \text{ DM} \checkmark$$

8.) a.) Ergänze zur vollen Mark:

$$0,86 \text{ DM} + 0,14 \text{ DM} = 1,00 \text{ DM} \checkmark$$

$$0,35 \text{ DM} + 0,65 \text{ DM} = 1,00 \text{ DM} \checkmark$$

$$0,67 \text{ DM} + 0,33 \text{ DM} = 1,00 \text{ DM} \checkmark$$

$$0,94 \text{ DM} + 0,06 \text{ DM} = 1,00 \text{ DM} \checkmark$$

$$0,15 \text{ DM} + 0,85 \text{ DM} = 1,00 \text{ DM} \checkmark$$

$$0,28 \text{ DM} + 0,72 \text{ DM} = 1,00 \text{ DM} \checkmark$$

$$0,54 \text{ DM} + 0,46 \text{ DM} = 1,00 \text{ DM} \checkmark$$

$$0,42 \text{ DM} + 0,58 \text{ DM} = 1,00 \text{ DM} \checkmark$$

$$\underline{10.)} 308 \text{ Pf} = 3,08 \text{ DM} \checkmark$$

$$607 \text{ Pf} = 6,07 \text{ DM} \checkmark$$

$$902 \text{ Pf} = 9,02 \text{ DM} \checkmark$$

$$405 \text{ Pf} = 4,05 \text{ DM} \checkmark$$

$$106 \text{ Pf} = 1,06 \text{ DM} \checkmark$$

$$801 \text{ Pf} = 8,01 \text{ DM} \checkmark$$

$$\underline{11.)} 403 \text{ Pf} = 4,03 \text{ DM} \checkmark$$

$$806 \text{ Pf} = 8,06 \text{ DM} \checkmark$$

$$208 \text{ Pf} = 2,08 \text{ DM} \checkmark$$

$$605 \text{ Pf} = 6,05 \text{ DM} \checkmark$$

$$901 \text{ Pf} = 9,01 \text{ DM} \checkmark$$

$$502 \text{ Pf} = 5,02 \text{ DM} \checkmark$$

$$\underline{13.)} 60 \text{ Pf} = 0,60 \text{ DM} \checkmark$$

$$50 \text{ Pf} = 0,50 \text{ DM} \checkmark$$

$$90 \text{ Pf} = 0,90 \text{ DM} \checkmark$$

$$30 \text{ Pf} = 0,30 \text{ DM} \checkmark$$

$$70 \text{ Pf} = 0,70 \text{ DM} \checkmark$$

$$10 \text{ Pf} = 0,10 \text{ DM} \checkmark$$

$$\underline{14.)} 0,30\text{DM} + 0,10\text{DM} = 0,40\text{DM} \checkmark$$

$$0,20\text{DM} + 0,40\text{DM} = 0,60\text{DM} \checkmark$$

$$0,80\text{DM} + 0,20\text{DM} = 1,00\text{DM} \checkmark$$

$$0,60\text{DM} - 0,30\text{DM} = 0,30\text{DM} \checkmark$$

$$0,90\text{DM} - 0,50\text{DM} = 0,40\text{DM} \checkmark$$

$$0,70\text{DM} - 0,10\text{DM} = 0,60\text{DM} \checkmark$$

✓

16.) a) Schreibe als Meter! Denke an das

Komma!

$$2\text{m } 15\text{cm} = 2,15\text{m} \checkmark$$

$$8\text{m } 47\text{cm} = 8,47\text{m} \checkmark$$

$$4\text{m } 30\text{cm} = 4,30\text{m} \checkmark$$

$$7\text{m } 5\text{cm} = 7,05\text{m} \checkmark$$

$$36\text{cm} = 0,36\text{m} \checkmark$$

$$4\text{cm} = 0,04\text{m} \checkmark$$

$$40\text{cm} = 0,40\text{m} \checkmark$$

GLOCK

Astrid Pflüger

Klasse: 3a

3. Schuljahr

9. Rechenheft

Nr. 10

80 g holzfrei

17)a) Verwandle in Meter und Zentimeter! Schreibe als Kommazahl!

$$665 \text{ cm} = 6,65 \text{ m} \checkmark$$

$$430 \text{ cm} = 4,30 \text{ m} \checkmark$$

$$205 \text{ cm} = 2,05 \text{ m} \checkmark$$

$$70 \text{ cm} = 0,70 \text{ m} \checkmark$$

$$8 \text{ cm} = 0,08 \text{ m} \checkmark$$

$$80 \text{ cm} = 0,80 \text{ m} \checkmark$$

$$800 \text{ cm} = 8,00 \text{ m} \checkmark$$

$$1000 \text{ cm} = 10,00 \text{ m} \checkmark$$

b) Ergänze zum vollen Meter!

$$665 \text{ m} + 0,35 \text{ m} = 7,00 \text{ m} \checkmark$$

$$4,30 \text{ m} + 0,70 \text{ m} = 5,00 \text{ m} \checkmark$$

$$2,05 \text{ m} + 0,95 \text{ m} = 3,00 \text{ m} \checkmark$$

$$0,70 \text{ m} + 0,30 \text{ m} = 1,00 \text{ m} \checkmark$$

$$0,08 \text{ m} + 0,92 \text{ m} = 1,00 \text{ m} \checkmark$$

$$0,80 \text{ m} + 0,20 \text{ m} = 1,00 \text{ m} \checkmark$$

$$8,00 \text{ m} + 1,00 \text{ m} = 9,00 \text{ m} \checkmark$$

$$10,00 \text{ m} + 1,00 \text{ m} = 11,00 \text{ m} \checkmark$$

$$\underline{20)} 3,80\text{m} + 1,00\text{m} = 4,80\text{m} \checkmark$$

$$5,67\text{m} + 1,30\text{m} = 6,97\text{m} \checkmark$$

$$7,42\text{m} + 1,45\text{m} = 8,87\text{m} \checkmark$$

$$5,06\text{m} + 1,64\text{m} = 6,70\text{m} \checkmark$$

$$6,25\text{m} + 1,48\text{m} = 7,73\text{m} \checkmark$$

$$1,88\text{m} + 1,09\text{m} = 2,97\text{m} \checkmark$$

$$\underline{21)} 1,40\text{m} - 1,23\text{m} = 0,17\text{m} \checkmark$$

$$4,24\text{m} - 1,00\text{m} = 3,24\text{m} \checkmark$$

$$7,88\text{m} - 1,57\text{m} = 6,31\text{m} \checkmark$$

$$8,60\text{m} - 1,39\text{m} = 7,21\text{m} \checkmark$$

$$3,51\text{m} - 1,43\text{m} = 2,08\text{m} \checkmark$$

$$9,23\text{m} - 1,15\text{m} = 8,08\text{m} \checkmark$$

$$\underline{18)} 4,12\text{m} - 0,50\text{m} = 3,62\text{m} \checkmark$$

$$6,58\text{m} - 0,50\text{m} = 6,08\text{m} \checkmark$$

$$5,06\text{m} - 0,50\text{m} = 4,56\text{m} \checkmark$$

$$9,90\text{m} - 0,50\text{m} = 9,40\text{m} \checkmark$$

$$0,86\text{m} - 0,50\text{m} = 0,36\text{m} \checkmark$$

$$10,04\text{m} - 0,50\text{m} = 9,54\text{m} \checkmark$$

$$3,95\text{m} - 0,50\text{m} = 3,45\text{m} \checkmark$$

$$\underline{18)} 3,05\text{m} - 0,50\text{m} = 2,55\text{m} \checkmark$$

$$\underline{22)} 6,40\text{m} + 1,00\text{m} = 7,40\text{m} \checkmark$$

$$5,60\text{m} + 0,70\text{m} = 6,30\text{m} \checkmark$$

$$1,50\text{m} + 0,68\text{m} = 2,18\text{m} \checkmark$$

$$1,35\text{m} + 1,25\text{m} = 2,60\text{m} \checkmark$$

$$5,18\text{m} + 1,72\text{m} = 6,90\text{m} \checkmark$$

$$3,42\text{m} + 1,28\text{m} = 4,70\text{m} \checkmark$$

23) Schreibe richtig untereinander!

Achte auf das Komma!

$$\underline{a)} 46,28\text{m} \quad \underline{b)} 3,57\text{m} \quad \underline{c)} 25,02\text{m}$$

$$9,07\text{m} \quad 19,60\text{m} \quad 0,87\text{m}$$

$$+ 17,60\text{m} \quad + 0,73\text{m} \quad + 4,98\text{m}$$

$$\hline 72,95\text{m} \checkmark \quad 23,90\text{m} \checkmark \quad 30,87\text{m} \checkmark$$

$$\underline{d)} 35,60\text{m} \quad \underline{e)} 0,86\text{m} \quad \underline{f)} 17,78\text{m}$$

$$11,07\text{m} \quad 24,09\text{m} \quad 6,90\text{m}$$

$$+ 8,88\text{m} \quad + 0,54\text{m} \quad + 22,06\text{m}$$

$$\hline 55,55\text{m} \checkmark \quad 25,49\text{m} \checkmark \quad 46,74\text{m} \checkmark$$

$$\begin{array}{r} \underline{\underline{24)} a) 25,76\text{m}} \\ - 13,68\text{m} \\ \hline 12,08\text{m} \downarrow \end{array} \quad \begin{array}{r} \underline{\underline{b) 49,78\text{m}}} \\ - 27,76\text{m} \\ \hline 22,02\text{m} \downarrow \end{array} \quad \begin{array}{r} \underline{\underline{c) 32,54\text{m}}} \\ - 7,59\text{m} \\ \hline 24,95\text{m} \downarrow \end{array}$$

$$\begin{array}{r} \underline{\underline{d) 8,24\text{m}}} \\ - 3,38\text{m} \\ \hline 4,86\text{m} \downarrow \end{array} \quad \begin{array}{r} \underline{\underline{e) 10,04\text{m}}} \\ - 4,83\text{m} \\ \hline 5,21\text{m} \downarrow \end{array} \quad \begin{array}{r} \underline{\underline{f) 50,05\text{m}}} \\ - 37,78\text{m} \\ \hline 12,27\text{m} \downarrow \end{array}$$

1 DM = 100 Pf
1 m = 100 cm
1 hl = 100 l

$$25) 6 \cdot 80\text{cm} = 480\text{cm}$$

$$\begin{array}{l} \underline{\underline{25)} 6 \cdot 80\text{cm} = 480\text{cm} = 4,80\text{m} \downarrow} \\ 3 \cdot 80\text{cm} = 240\text{cm} = 2,40\text{m} \downarrow \\ 5 \cdot 80\text{cm} = 400\text{cm} = 4,00\text{m} \downarrow \\ 8 \cdot 80\text{cm} = 640\text{cm} = 6,40\text{m} \downarrow \\ 4 \cdot 80\text{cm} = 320\text{cm} = 3,20\text{m} \downarrow \\ 9 \cdot 80\text{cm} = 720\text{cm} = 7,20\text{m} \downarrow \\ 7 \cdot 80\text{cm} = 560\text{cm} = 5,60\text{m} \downarrow \\ 10 \cdot 80\text{cm} = 800\text{cm} = 8,00\text{m} \downarrow \end{array}$$

$$\underline{\underline{27)} 30\text{cm in } 1,50\text{m} = 5\text{mal} \downarrow}$$

$$40\text{cm in } 2,00\text{m} = 5\text{mal} \downarrow$$

$$60\text{cm in } 3,60\text{m} = 6\text{mal} \downarrow$$

$$10\text{cm in } 1,20\text{m} = 12\text{mal} \downarrow$$

$$90\text{cm in } 4,50\text{m} = 5\text{mal} \downarrow$$

$$50\text{cm in } 3,50\text{m} = 7\text{mal} \downarrow$$

$$60\text{cm in } 3,00\text{m} = 5\text{mal} \downarrow$$

$$80\text{cm in } 2,40\text{m} = 3\text{mal} \downarrow$$

$$20\text{cm in } 1,60\text{m} = 8\text{mal} \downarrow$$

$$40\text{cm in } 3,60\text{m} = 9\text{mal} \downarrow$$

$$90\text{cm in } 3,60\text{m} = 4\text{mal} \downarrow$$

$$70\text{cm in } 3,50\text{m} = 5\text{mal} \downarrow$$

31.) Schreibe als Hektoliter in Kom-

mazahlen:

$$4 \text{ hl } 70 \text{ l} = 4,70 \text{ hl} \checkmark$$

$$6 \text{ hl } 27 \text{ l} = 6,27 \text{ hl} \checkmark$$

$$3 \text{ hl } 8 \text{ l} = 3,08 \text{ hl} \checkmark$$

$$9 \text{ hl } 70 \text{ l} = 9,70 \text{ hl} \checkmark$$

$$35 \text{ l} = 0,35 \text{ hl} \checkmark$$

$$8 \text{ l} = 0,08 \text{ hl} \checkmark$$

$$1 \text{ hl } 5 \text{ l} = 1,05 \text{ hl} \checkmark$$

$$2 \text{ hl } 50 \text{ l} = 2,50 \text{ hl} \checkmark$$

32.) Verwandle in Hektoliter und Liter:

Schreibe mit dem Komma!

$$218 \text{ l} = 2,18 \text{ hl} \checkmark$$

$$439 \text{ l} = 4,39 \text{ hl} \checkmark$$

$$805 \text{ l} = 8,05 \text{ hl} \checkmark$$

$$850 \text{ l} = 8,50 \text{ hl} \checkmark$$

$$83 \text{ l} = 0,83 \text{ hl} \checkmark$$

$$15 \text{ l} = 0,15 \text{ hl} \checkmark$$

$$6 \text{ l} = 0,06 \text{ hl} \checkmark$$

$$9 \text{ l} = 0,09 \text{ hl} \checkmark$$

$$32.) 90 \text{ l} = 0,90 \text{ hl} \checkmark$$

$$900 \text{ l} = 9,00 \text{ hl} \checkmark$$

$$36.) 6,70 \text{ hl} + 0,75 \text{ hl} = 7,45 \text{ hl} \checkmark$$

$$4,68 \text{ hl} + 0,75 \text{ hl} = 5,43 \text{ hl} \checkmark$$

$$3,50 \text{ hl} + 0,75 \text{ hl} = 4,25 \text{ hl} \checkmark$$

$$8,95 \text{ hl} + 0,75 \text{ hl} = 9,70 \text{ hl} \checkmark$$

$$5,84 \text{ hl} + 0,75 \text{ hl} = 6,59 \text{ hl} \checkmark$$

$$7,60 \text{ hl} + 0,75 \text{ hl} = 8,35 \text{ hl} \checkmark$$

$$2,33 \text{ hl} + 0,75 \text{ hl} = 3,08 \text{ hl} \checkmark$$

$$0,48 \text{ hl} + 0,75 \text{ hl} = 1,23 \text{ hl} \checkmark$$

$$37.) 5,40 \text{ hl} - 0,85 \text{ hl} = 4,55 \text{ hl} \checkmark$$

$$6,06 \text{ hl} - 0,85 \text{ hl} = 5,19 \text{ hl} \checkmark$$

$$2,95 \text{ hl} - 0,85 \text{ hl} = 2,10 \text{ hl} \checkmark$$

$$9,27 \text{ hl} - 0,85 \text{ hl} = 8,42 \text{ hl} \checkmark$$

$$7,62 \text{ hl} - 0,85 \text{ hl} = 6,77 \text{ hl} \checkmark$$

$$3,15 \text{ hl} - 0,85 \text{ hl} = 2,30 \text{ hl} \checkmark$$

$$8,36 \text{ hl} - 0,85 \text{ hl} = 7,51 \text{ hl} \checkmark$$

$$1,50 \text{ hl} - 0,85 \text{ hl} = 0,65 \text{ hl} \checkmark$$

$$\begin{array}{r} \underline{40) a) 14,25 \text{ hl}} \\ 7,40 \text{ hl} \\ + 8,03 \text{ hl} \\ \hline 29,68 \text{ hl} \checkmark \end{array} \quad \begin{array}{r} \underline{b) 11,08 \text{ hl}} \\ 5,65 \text{ hl} \\ + 9,16 \text{ hl} \\ \hline 25,89 \text{ hl} \checkmark \end{array}$$

$$\begin{array}{r} \underline{42) e) 32,55 \text{ hl}} \\ - 19,18 \text{ hl} \\ \hline 13,37 \text{ hl} \checkmark \end{array} \quad \begin{array}{r} \underline{f) 64,92 \text{ hl}} \\ - 48,54 \text{ hl} \\ \hline 16,38 \text{ hl} \checkmark \end{array}$$

$$\begin{array}{r} \underline{43) a) 16,50 \text{ hl}} \\ - 13,80 \text{ hl} \\ \hline 2,70 \text{ hl} \checkmark \end{array} \quad \begin{array}{r} \underline{b) 21,35 \text{ hl}} \\ - 17,62 \text{ hl} \\ \hline 3,73 \text{ hl} \checkmark \end{array} \quad \begin{array}{r} \underline{c) 11,20 \text{ hl}} \\ - 6,58 \text{ hl} \\ \hline 4,62 \text{ hl} \checkmark \end{array}$$

$$\begin{array}{r} \underline{d) 34,51 \text{ hl}} \\ - 27,39 \text{ hl} \\ \hline 7,12 \text{ hl} \checkmark \end{array} \quad \begin{array}{r} \underline{e) 48,05 \text{ hl}} \\ - 31,86 \text{ hl} \\ \hline 16,19 \text{ hl} \checkmark \end{array} \quad \begin{array}{r} \underline{f) 72,12 \text{ hl}} \\ - 49,45 \text{ hl} \\ \hline 22,67 \text{ hl} \checkmark \end{array}$$

$$\begin{array}{r} \underline{44) a) 83,15 \text{ hl}} \\ - 75,90 \text{ hl} \\ \hline 7,25 \text{ hl} \checkmark \end{array} \quad \begin{array}{r} \underline{b) 63,20 \text{ hl}} \\ - 34,95 \text{ hl} \\ \hline 28,25 \text{ hl} \checkmark \end{array} \quad \begin{array}{r} \underline{c) 80,00 \text{ hl}} \\ - 64,76 \text{ hl} \\ \hline 15,24 \text{ hl} \checkmark \end{array}$$

$$\begin{array}{r} \underline{44) d) 99,00 \text{ hl}} \\ - 71,82 \text{ hl} \\ \hline 27,18 \text{ hl} \checkmark \end{array} \quad \begin{array}{r} \underline{e) 79,02 \text{ hl (f) 100}} \\ - 48,76 \text{ hl} \\ \hline 30,26 \text{ hl} \checkmark \end{array}$$

$$\begin{array}{r} \underline{f) 100,00 \text{ hl}} \\ - 73,22 \text{ hl} \\ \hline 26,78 \text{ hl} \checkmark \end{array}$$

$$\underline{46) c) 50 \text{ l in } 5,00 \text{ hl} = 10 \text{ mal} \checkmark$$

$$50 \text{ l in } 5,35 \text{ hl} = 10 \text{ mal R. } 35 \text{ l} \checkmark$$

$$50 \text{ l in } 3,20 \text{ hl} = 6 \text{ mal R. } 20 \text{ l} \checkmark$$

$$50 \text{ l in } 2,08 \text{ hl} = 4 \text{ mal R. } 8 \text{ l} \checkmark$$

$$50 \text{ l in } 4,35 \text{ hl} = 8 \text{ mal R. } 35 \text{ l} \checkmark$$

$$50 \text{ l in } 1,48 \text{ hl} = 2 \text{ mal R. } 48 \text{ l} \checkmark$$

$$50 \text{ l in } 2,58 \text{ hl} = 5 \text{ mal R. } 8 \text{ l} \checkmark$$

$$50 \text{ l in } 2,88 \text{ hl} = 5 \text{ mal R. } 38 \text{ l} \checkmark$$

Was die Mutter im Haushalt braucht

$$47.) 4 \text{ Stück Seife je } 45 \text{ Pf}$$

$$6 \text{ Pack Persil je } 70 \text{ Pf}$$

$$3 \text{ kg Mehl je } 84 \text{ Pf}$$

$$5 \text{ kg Zucker je } 1,34 \text{ DM}$$

$$3 \text{ kg Reis je } 1,80 \text{ DM}$$

$$2 \text{ kg Nudeln je } 1,88 \text{ DM}$$

a) Schreibe:

$$4 \cdot 45 \text{ Pf} = 180 \text{ Pf} = 1,80 \text{ DM} \checkmark$$

$$6 \cdot 70 \text{ Pf} = 420 \text{ Pf} = 4,20 \text{ DM} \checkmark$$

$$3 \cdot 84 \text{ Pf} = 252 \text{ Pf} = 2,52 \text{ DM} \checkmark$$

$$5 \cdot 1,34 \text{ DM} = 6,70 \text{ Pf} = 6,70 \text{ DM} \checkmark$$

$$3 \cdot 1,80 \text{ DM} = 5,40 \text{ Pf} = 5,40 \text{ DM} \checkmark$$

$$2 \cdot 1,88 \text{ DM} = 3,76 \text{ Pf} = 3,76 \text{ DM} \checkmark$$

48.) a) Verdoppele alle Zahlen! Schreibe

die Ergebnisse mit dem Komma!

$$2 \cdot 30 \text{ Pf} = 60 \text{ Pf} = 0,60 \text{ DM} \checkmark$$

$$2 \cdot 35 \text{ Pf} = 70 \text{ Pf} = 0,70 \text{ DM} \checkmark$$

$$2 \cdot 70 \text{ Pf} = 140 \text{ Pf} = 1,40 \text{ DM} \checkmark$$

$$48.) a) 2: 72 \text{ Pf} = 144 \text{ Pf} = 1,44 \text{ DM} \checkmark$$

$$2 \cdot 80 \text{ Pf} = 160 \text{ Pf} = 1,60 \text{ DM} \checkmark$$

$$2 \cdot 84 \text{ Pf} = 168 \text{ Pf} = 1,68 \text{ DM} \checkmark$$

$$2 \cdot 48 \text{ Pf} = 96 \text{ Pf} = 0,96 \text{ DM} \checkmark$$

$$2 \cdot 60 \text{ Pf} = 120 \text{ Pf} = 1,20 \text{ DM} \checkmark$$

$$2 \cdot 65 \text{ Pf} = 130 \text{ Pf} = 1,30 \text{ DM} \checkmark$$

$$2 \cdot 28 \text{ Pf} = 56 \text{ Pf} = 0,56 \text{ DM} \checkmark$$

$$2 \cdot 54 \text{ Pf} = 108 \text{ Pf} = 1,08 \text{ DM} \checkmark$$

$$2 \cdot 90 \text{ Pf} = 180 \text{ Pf} = 1,80 \text{ DM} \checkmark$$

$$2 \cdot 95 \text{ Pf} = 190 \text{ Pf} = 1,90 \text{ DM} \checkmark$$

50) Wie teuer war ein Stück?

Sechs Teller haben 7,20 DM gekostet. Ein Teller zerbricht und soll ersetzt werden.

$$7,20 \text{ DM} : 6 = 1,20 \text{ DM} \checkmark$$

Antwort: Ein Teller hat 1,20 DM gekostet. \checkmark

$$\underline{1)} 1,50 \text{ DM} + 90 \text{ Pf} = 2,40 \text{ DM} \checkmark$$

$$2,40 \text{ DM} : 3 = 0,80 \text{ DM} \checkmark$$

$$0,80 \text{ DM} + 75 \text{ Pf} = 1,55 \text{ DM} \checkmark$$

$$1,55 \text{ DM} - 55 \text{ Pf} = 1,00 \text{ DM} \checkmark$$

$$\underline{2)} 4 \cdot 85 \text{ Pf} = 3,40 \text{ DM} \checkmark$$

$$\text{die Hälfte} = 1,70 \text{ DM} \checkmark$$

$$1,70 \text{ DM} - 65 \text{ Pf} = 1,05 \text{ DM} \checkmark$$

$$1,05 \text{ DM} : 7 = 0,15 \text{ DM} \checkmark$$

$$\underline{53)} 5,30 \text{ DM} : 5 = 1,06 \text{ DM} \checkmark$$

$$5,30 : 5 = 1,06 \checkmark$$

$$6,40 \text{ DM} : 5 = 1,28 \text{ DM} \checkmark$$

$$6,40 : 5 = 1,28 \checkmark$$

$$4,85 \text{ DM} : 5 = 0,97 \text{ DM} \checkmark$$

$$4,85 : 5 = 97 \checkmark$$

$$6,55 \text{ DM} : 5 = 1,31 \text{ DM} \checkmark$$

$$6,55 : 5 = 1,31 \checkmark$$

$$8,20 \text{ DM} : 5 = 1,64 \text{ DM} \checkmark$$

$$8,20 : 5 = 1,64 \checkmark$$

$$\underline{53)} 7,60 \text{ DM} : 5 = 1,52 \text{ DM} \checkmark$$

$$7,60 : 5 = 1,52 \checkmark$$

$$\underline{54)} 5,40 \text{ DM} : 5 = 1,08 \text{ DM} \checkmark$$

$$5,40 : 5 = 1,08 \checkmark$$

$$7,20 \text{ DM} : 6 = 1,20 \text{ DM} \checkmark$$

$$7,20 : 6 = 1,20 \checkmark$$

$$5,40 \text{ DM} : 6 = 0,90 \text{ DM} \checkmark$$

$$5,40 : 6 = 90 \checkmark$$

$$2,88 \text{ DM} : 6 = 0,48 \text{ DM} \checkmark$$

$$2,88 : 6 = 48 \checkmark$$

$$8,40 \text{ DM} : 6 = 1,40 \text{ DM} \checkmark$$

$$8,40 : 6 = 1,40 \checkmark$$

$$9,60 \text{ DM} : 6 = 1,60 \text{ DM} \checkmark$$

$$9,60 : 6 = 1,60 \checkmark$$

$$4,50 \text{ DM} : 6 = 0,75 \text{ DM} \checkmark$$

$$4,50 : 6 = 75 \checkmark$$

$$\underline{55)} 1,40 \text{ DM} : 7 = 0,20 \text{ DM} \checkmark$$

$$1,40 : 7 = 20 \checkmark$$

$$3,50 \text{ DM} : 7 = 0,50 \text{ DM} \checkmark$$

$$3,50 : 7 = 50 \checkmark$$

$$2.) \text{b.) } 11 \text{ Mon.} + 8 \text{ Tg.} = \overset{338}{440} \text{ Tg.} \checkmark$$

$$\text{c.) } 9 \text{ Wch.} + 4 \text{ Tg.} = 67 \text{ Tg.} \checkmark$$

$$13 \text{ Wch.} + 6 \text{ Tg.} = 97 \text{ Tg.} \checkmark$$

$$25 \text{ Wch.} + 3 \text{ Tg.} = 178 \text{ Tg.} \checkmark$$

$$32 \text{ Wch.} + 2 \text{ Tg.} = 226 \text{ Tg.} \checkmark$$

3) Inge ist 9 Jahre und 2 Monate alt, ihr kleines Schwesterchen erst 10 Monate. Inge rechnet ihr Alter in Monate um und vergleicht.

$$9 \text{ J.} + 2 \text{ Mon.} = 110 \text{ Mon.} \checkmark$$

Antwort:

Inge ist 100 Monate älter als ihr kleines Schwesterchen. \checkmark

(Inges Schwesterchen ist 100 Monate jünger als Inge). \checkmark

$$4.) \text{a.) } 35 \text{ Tg.} = 5 \text{ Wch.} \checkmark$$

$$84 \text{ Tg.} = 12 \text{ Wch.} \checkmark$$

$$105 \text{ Tg.} = 15 \text{ Wch.} \checkmark$$

$$168 \text{ Tg.} = 24 \text{ Wch.} \checkmark$$

$$1 \text{ Tag} = 24 \text{ Stunden}$$

$$1 \text{ Stunde} = 60 \text{ Minuten}$$

$$1 \text{ Minute} = 60 \text{ Sekunden}$$

$$4.) \text{b.) } 1 \text{ Tg.} = 24 \text{ Std.} \checkmark$$

$$3 \text{ Tg.} + 4 \text{ Std.} = 76 \text{ Std.} \checkmark$$

$$7 \text{ Tg.} + 10 \text{ Std.} = 178 \text{ Std.} \checkmark$$

$$11 \text{ Tg.} + 8 \text{ Std.} = 272 \text{ Std.} \checkmark$$

$$\text{c.) } 1 \text{ Std.} = 60 \text{ Min.} \checkmark$$

$$5 \text{ Std.} + 20 \text{ Min.} = 320 \text{ Min.} \checkmark$$

$$8 \text{ Std.} + 25 \text{ Min.} = 505 \text{ Min.} \checkmark$$

$$12 \text{ Std.} + 40 \text{ Min.} = 760 \text{ Min.} \checkmark$$

5) Wandle um in Stunden und Minuten:

$$180 \text{ Min.} = 3 \text{ Std.} \checkmark$$

$$195 \text{ Min.} = 3 \text{ Std.} + 15 \text{ Min.} \checkmark$$

$$240 \text{ Min.} = 4 \text{ Std.} \checkmark$$

$$265 \text{ Min.} = 4 \text{ Std.} + 25 \text{ Min.} \checkmark$$

$$360 \text{ Min.} = 6 \text{ Std.} \checkmark$$

$$\begin{aligned} \underline{5)} \quad 400 \text{ Min.} &= 6 \text{ Std.} + 40 \text{ Min.} \checkmark \\ 540 \text{ Min.} &= 9 \text{ Std.} \checkmark \\ 595 \text{ Min.} &= 9 \text{ Std.} + 55 \text{ Min.} \checkmark \\ 300 \text{ Min.} &= 5 \text{ Std.} \checkmark \\ 332 \text{ Min.} &= 5 \text{ Std.} + 32 \text{ Min.} \checkmark \\ 610 \text{ Min.} &= 10 \text{ Std.} + 10 \text{ Min.} \checkmark \end{aligned}$$

$$\underline{15) a)} \quad 193 + 14 = 207 \checkmark$$

$$207 + 41 = 248 \checkmark$$

$$248 - 8 = 240 \checkmark$$

$$240 : 3 = 80 \checkmark$$

$$80 : 5 = 16 \checkmark$$

$$16 \cdot 11 = 176 \checkmark$$

$$\underline{176 + 17 = 193 \checkmark}$$

$$\underline{b)} \quad 2 \cdot 148 = 296 \checkmark$$

$$296 - 16 = 280 \checkmark$$

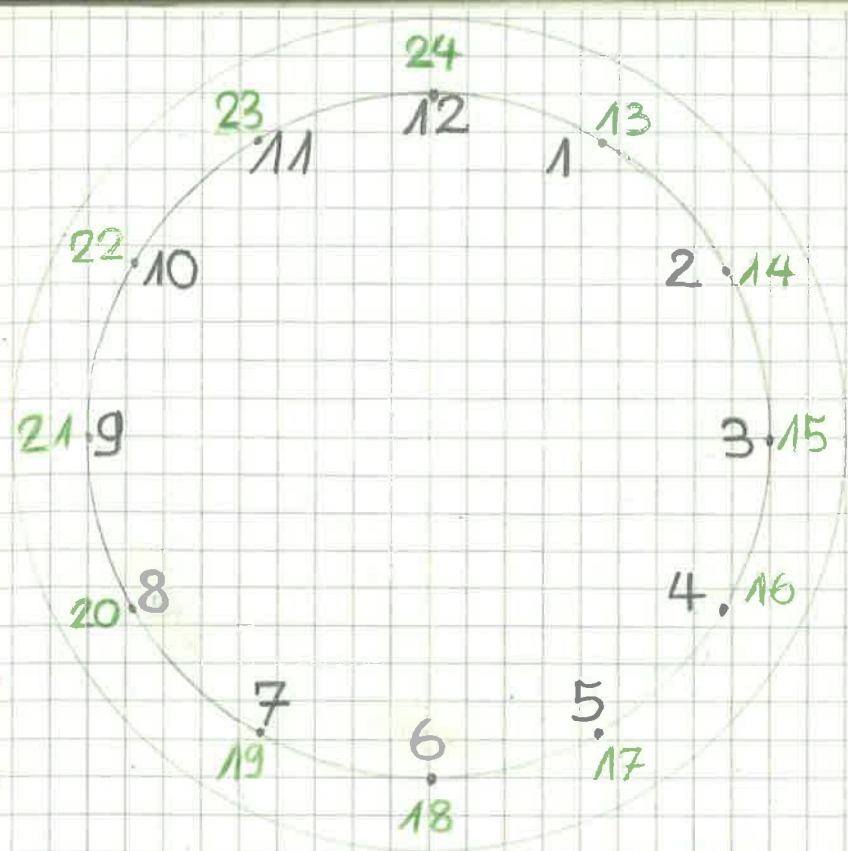
$$280 : 10 = 28 \checkmark$$

$$28 - 7 = 21 \checkmark$$

$$21 \cdot 20 = 420 \checkmark$$

$$420 : 7 = 60 \checkmark$$

$$60 : 30 = \underline{2 \checkmark}$$



$$\underline{8)} \quad 8 \text{ Uhr } 10 \text{ Min.} + 50 \text{ Min.} = 9 \text{ Uhr} \checkmark$$

$$19 \text{ Uhr } 16 \text{ Min.} + 44 \text{ Min.} = 20 \text{ Uhr} \checkmark$$

$$3 \text{ Uhr } 45 \text{ Min.} + 15 \text{ Min.} = 4 \text{ Uhr} \checkmark$$

$$23 \text{ Uhr } 50 \text{ Min.} + 10 \text{ Min.} = 24 \text{ Uhr} \checkmark$$

$$12 \text{ Uhr } 35 \text{ Min.} + 25 \text{ Min.} = 13 \text{ Uhr} \checkmark$$

$$10 \text{ Uhr } 22 \text{ Min.} + 38 \text{ Min.} = 11 \text{ Uhr} \checkmark$$

$$\underline{9)} 10 \text{ Uhr } 26 \text{ Min.} + 34 \text{ Min.} = 11 \text{ Uhr} \checkmark$$

$$8 \text{ Uhr } 41 \text{ Min.} + 19 \text{ Min.} = 9 \text{ Uhr} \checkmark$$

$$13 \text{ Uhr } 6 \text{ Min.} + 54 \text{ Min.} = 14 \text{ Uhr} \checkmark$$

$$17 \text{ Uhr } 52 \text{ Min.} + 8 \text{ Min.} = 18 \text{ Uhr} \checkmark$$

$$8 \text{ Uhr } 1 \text{ Min.} + 59 \text{ Min.} = 9 \text{ Uhr} \checkmark$$

$$12 \text{ Uhr } 10 \text{ Min.} + 50 \text{ Min.} = 13 \text{ Uhr} \checkmark$$

$$20 \text{ Uhr } 45 \text{ Min.} + 15 \text{ Min.} = 21 \text{ Uhr} \checkmark$$

$$\underline{15)} \text{c.) } 540 : 9 = 60 \checkmark \text{d.) } 2 \cdot 378 = 756 \checkmark$$

$$60 \cdot 7 = 420 \checkmark \quad 756 + 24 = 780 \checkmark$$

$$420 \cdot 2 = 840 \checkmark \quad 780 : 4 = 195 \checkmark$$

$$840 : 3 = 280 \checkmark \quad 195 \cdot 5 = 975 \checkmark$$

$$280 + 80 = 360 \checkmark \quad 975 - 180 = 795 \checkmark$$

$$360 : 12 = 30 \checkmark \quad 795 - 715 = 80 \checkmark$$

$$30 \cdot 18 = 540 \checkmark \quad 80 : 40 = 2 \checkmark$$

$$\underline{9)} 10.26 \text{ Uhr} = 10 \text{ Uhr } 26 \text{ Min.}$$

$$8.41 \text{ Uhr} = 8 \text{ Uhr } 41 \text{ Min.}$$

$$13.06 \text{ Uhr} = 13 \text{ Uhr } 6 \text{ Min.}$$

$$17.52 \text{ Uhr} = 17 \text{ Uhr } 52 \text{ Min.}$$

$$8.01 \text{ Uhr} = 8 \text{ Uhr } 1 \text{ Min.}$$

$$12.10 \text{ Uhr} = 12 \text{ Uhr } 10 \text{ Min.}$$

$$\underline{9)} 20.45 \text{ Uhr} = 20 \text{ Uhr } 45 \text{ Min.}$$

Wie spät ist es nach 5 Stunden 35 Minuten?

$$7^{12} + 5^{35} = 12^{12+35=47} = 12^{47} \checkmark$$

$$9^{23} + 5^{35} = 14^{23+35=58} = 14^{58} \checkmark$$

$$10^{09} + 5^{35} = 15^{09+35=44} = 15^{44} \checkmark$$

$$15^{41} + 5^{35} = 20^{41+35=76} = 20^{76} \checkmark$$

$$17^{50} + 5^{35} = 22^{50+35=85} = 22^{85} \checkmark$$

$$22^{05} + 5^{35} = 27^{05+35=40} = 27^{40} = 3^{40} \checkmark$$

Wie spät war es vor 5 Stunden 12 Minuten?

$$12^{53} - 5^{12} = 7^{53-12=41} = 7^{41} \checkmark$$

$$18^{27} - 5^{12} = 13^{27-12=15} = 13^{15} \checkmark$$

$$14^{31} - 5^{12} = 9^{31-12=19} = 9^{19} \checkmark$$

$$20^{01} - 5^{12} = 15^{01-12=49} = 15^{49} \checkmark$$

$$23^{06} - 5^{12} = 18^{06-12=54} = 18^{54} \checkmark$$

$$3^{20} - 5^{12} = 22^{20-12=08} = 22^{08} \checkmark$$

11.)	ab	an	Fahrzeit
	4 ⁴⁵	5 ⁴⁶	1 ⁰¹
	6 ⁵⁵	8 ⁰⁵	1 ²⁰
	7 ²⁹	8 ¹⁵	0 ⁴⁶
	13 ²⁹	14 ²⁸	0 ³⁹
	19 ²³	20 ²³	1 ⁰⁰
	20 ³⁶	21 ²⁰	0 ⁴⁵
	23 ²⁸	0 ³⁴	1 ⁰⁶

11.)	ab	an	Fahrzeit
	4 ⁴⁵	5 ⁴⁶	1 Std. 1 Min. ✓
	6 ⁵⁵	8 ⁰⁵	1 Std. 20 Min. ✓
	7 ²⁹	8 ¹⁵	46 Min. ✓
	13 ²⁹	14 ²⁸	59 Min. ✓
	19 ²³	20 ²³	1 Std. ✓
	20 ³⁵	21 ²⁰	45 Min. ✓
	23 ²⁸	0 ³⁴	1 Std. 6 Min. ✓

7.) a) $30 \cdot 15 \text{ kg} = 450 \text{ kg} \checkmark$

$12 \cdot 40 \text{ kg} = 480 \text{ kg} \checkmark$

$48 \cdot 11 \text{ kg} = 528 \text{ kg} \checkmark$

$70 \cdot 10 \text{ kg} = 700 \text{ kg} \checkmark$

$13 \cdot 12 \text{ kg} = 156 \text{ kg} \checkmark$

$15 \cdot 25 \text{ kg} = 375 \text{ kg} \checkmark$

4) Am frühen Morgen bringt das Milchauto die Milch zur Stadt. Auf dem Wagen sind 30, 18, 25, 19, 20 Kannen je 20l. Rechne!

$$30 \cdot 20l = 600l \downarrow$$

$$18 \cdot 20l = 360l \downarrow$$

$$25 \cdot 20l = 500l \downarrow$$

$$19 \cdot 20l = 380l \downarrow$$

$$20 \cdot 20l = 400l \downarrow$$

1.a) $15 \cdot 8 = 120 \downarrow$

$$120 + 176 = 296 \downarrow$$

$$296 - 128 = 168 \downarrow$$

$$168 : 4 = 42 \downarrow$$

$$42 + 586 = 628 \downarrow$$

$$628 : 2 = 314 \downarrow$$

$$314 - 299 = 15 \downarrow$$

1.b) $20 \cdot 9 = 180 \downarrow$

$$180 + 207 = 387 \downarrow$$

$$387 - 153 = 234 \downarrow$$

$$234 : 3 = 78 \downarrow$$

$$78 + 306 = 384 \downarrow$$

$$384 : 3 = 128 \downarrow$$

$$128 - 108 = 20 \downarrow$$

c) $85 + 96 = 181 \downarrow$

$$181 \cdot 4 = 724 \downarrow$$

$$724 - 48 = 676 \downarrow$$

$$676 : 2 = 338 \downarrow$$

$$338 + 12 = 350 \downarrow$$

$$350 : 2 = 175 \downarrow$$

$$175 - 90 = 85 \downarrow$$

3) Zwei Zahlen geben zusammen 1000. Die eine ist dreimal so groß wie die andere. Welche beiden Zahlen sind das?

$$\begin{array}{l} 1000 : 4 = \underline{250} \\ 800 \\ 200 \end{array} \quad \begin{array}{l} 3 \cdot 250 = 750 \\ 1 \cdot 250 = 250 \end{array} \quad \underline{750 + 250}$$

- 2.1) drittes Huhn 146 Eier
 viertes Huhn 179 Eier
 fünftes Huhn 165 Eier Rechne!

$$\begin{array}{r} 124 \\ 182 \\ 146 \\ 179 \\ + 165 \\ \hline 796 \end{array} \checkmark$$

Antwort:

Die fünf Hühner
 legten zusammen
796 Eier. ✓

1.1a) Bauer Roth lieferte im letzten
 Herbst folgende Mengen Kartoffeln:
 Wieviel Säcke zu 50 kg (1 Zentner)
 sind es jedesmal?

$$450 \text{ kg} : 50 \text{ kg} = 9 \checkmark$$

$$800 \text{ kg} : 50 \text{ kg} = 16 \checkmark$$

$$350 \text{ kg} : 50 \text{ kg} = 7 \checkmark$$

$$600 \text{ kg} : 50 \text{ kg} = 12 \checkmark$$

$$750 \text{ kg} : 50 \text{ kg} = 15 \checkmark$$

$$900 \text{ kg} : 50 \text{ kg} = 18 \checkmark$$

$$550 \text{ kg} : 50 \text{ kg} = 11 \checkmark$$

$$\underline{1.1a)} 1000 \text{ kg} : 50 \text{ kg} = 20 \checkmark$$

2.) Bauer Klein verkaufte auf dem Vieh-
 markt ein Kalb zu 165 DM und ein
 Rind zu 696 DM. Er brachte einen neu-
 en Pflug für 152 DM mit nach Hause.
 Für Fahrtkosten und Zehrgeld ver-
 brauchte er 12 DM.

$$\begin{array}{r} 165 \text{ DM} \quad 152 \text{ DM} \\ + 696 \text{ DM} \quad + 12 \text{ DM} \\ \hline 861 \text{ DM} \checkmark \quad 164 \text{ DM} \checkmark \end{array}$$

$$861 \text{ DM}$$

$$- 164 \text{ DM}$$

$$\hline 697 \checkmark$$

Antwort:

Bauer Klein hat noch 697 DM. ✓

3.) Der Bauer hat 3 gute Milchkühe im
 Stall. Im Monat Juni lieferte er
 570 l Milch an die Molkerei; 5 l wur-
 den täglich im Haus verbraucht. Wie-

3) viel Milch lieferten also die Kühe im Juni?

$$5 \cdot 30 = \underline{150}$$

$$\begin{array}{r} 150 \\ + 570 \\ \hline 720 \end{array}$$

Antwort:

Im Monat Juni lieferten die Kühe 720 l Milch. ✓

2) Die verhexten Zahlenhäuschen

2) Die verhexten Zahlenhäuschen

2)

23	79	75	35
----	----	----	----

67	43	47	55
----	----	----	----

51	59	63	39
----	----	----	----

41	31	27	83
----	----	----	----

 212 ✓

3)

30	114	108	48
----	-----	-----	----

96	60	66	78
----	----	----	----

72	84	90	54
----	----	----	----

102	42	36	20
-----	----	----	----

 300 ✓

4)

12	54	51	21
----	----	----	----

45	27	30	36
----	----	----	----

33	39	42	24
----	----	----	----

48	18	15	57
----	----	----	----

 138 ✓

Wir erweitern unser Zahlenhaus

- E - Einer
- Z - Zehner
- H - Hunderter
- T - Tausender
- ZT - Zehntausender

ZT	T	H	Z	E
	4	3	2	1
	1	4	3	2
	2	1	4	3
	3	2	1	4
	4	1	3	2
	4	2	3	1
	3	4	2	1
	4	6	8	7
	2	8	0	5
	7	1	6	3
	7	0	6	5
	3	5	7	8
	8	0	0	9

	ZT	T	H	Z	E
		6	0	3	4
		9	3	0	2
		5	0	8	0
1		0	0	0	0