

Astrid Pflüger

Klasse: 4a

Rechenheft

7

80 g/qm HOLZFREI

Brunnen  Heft

Nr. 10

$$\underline{11.)} 450\,000 : 9 = 50\,000 \downarrow$$

27.11.1964

$$630\,000 : 9 = 70\,000 \downarrow$$

$$810\,000 : 9 = 90\,000 \downarrow$$

$$990\,000 : 9 = 110\,000 \downarrow$$

$$\underline{14.)} 18\,000 : 100 = 180 \downarrow$$

30.11.1964

$$18\,000 : 600 = 30 \downarrow$$

$$63\,000 : 100 = 630 \downarrow$$

$$63\,000 : 700 = 90 \downarrow$$

$$72\,000 : 100 = 720 \downarrow$$

$$72\,000 : 900 = 80 \downarrow$$

$$\underline{d)} 12\,600 : 300 = 42 \downarrow$$

$$12\,600 : 600 = 21 \downarrow$$

$$12\,600 : 900 = 14 \downarrow$$

$$31\,500 : 500 = 63 \downarrow$$

$$31\,500 : 700 = 45 \downarrow$$

$$68\,000 : 800 = 85 \downarrow$$

$$\underline{14.)d)} 96\ 000 : 200 = 480 \downarrow$$

$$96\ 000 : 800 = 120 \downarrow$$

$$78\ 000 : 300 = 260 \downarrow$$

$$78\ 000 : 600 = 130 \downarrow$$

$$90\ 000 : 500 = 180 \downarrow$$

$$90\ 000 : 900 = 100 \downarrow$$

$$\underline{e)} 240\ 000 : 200 = 1200 \downarrow$$

$$390\ 000 : 300 = 1300 \downarrow$$

$$840\ 000 : 400 = 2100 \downarrow$$

$$175\ 000 : 500 = 350 \downarrow$$

$$102\ 000 : 600 = 170 \downarrow$$

$$108\ 000 : 900 = 120 \downarrow$$

1.12.1964

$$\underline{16)} 32\ 000 : 20 = 1600 \downarrow$$

$$32\ 000 : 50 = 640 \downarrow$$

$$32\ 000 : 500 = 64 \downarrow$$

$$\underline{17)} 5\ 400 : 9 = 600 \downarrow$$

$$5\ 400 : 30 = 180 \downarrow$$

$$5\ 400 : 60 = 90 \downarrow$$

$$5\ 400 : 90 = 60 \downarrow$$

$$\underline{17)} 5\ 400 : 300 = 18 \downarrow$$

$$5\ 400 : 600 = 9 \downarrow$$

$$5\ 400 : 900 = 6 \downarrow$$

$$16\ 200 : 9 = 1800 \downarrow$$

$$16\ 200 : 30 = 540 \downarrow$$

$$16\ 200 : 60 = 270 \downarrow$$

$$16\ 200 : 90 = 180 \downarrow$$

$$16\ 200 : 300 = 54 \downarrow$$

$$16\ 200 : 600 = 27 \downarrow$$

$$16\ 200 : 900 = 18 \downarrow$$

$$27\ 000 : 9 = 3000 \downarrow$$

$$27\ 000 : 30 = 900 \downarrow$$

$$27\ 000 : 60 = 450 \downarrow$$

$$27\ 000 : 90 = 300 \downarrow$$

$$27\ 000 : 300 = 90 \downarrow$$

$$27\ 000 : 600 = 45 \downarrow$$

$$27\ 000 : 900 = 30 \downarrow$$

2.12.1964

21.)a)  $8,50 \text{ DM} : 5 = 1,70 \text{ DM} \checkmark$

$10,80 \text{ DM} : 6 = 1,80 \text{ DM} \checkmark$

$15,20 \text{ DM} : 8 = 1,90 \text{ DM} \checkmark$

$12,00 \text{ DM} : 5 = 2,40 \text{ DM} \checkmark$

b)  $7,60 \text{ DM} : 4 = 1,90 \text{ DM} \checkmark$

$12,60 \text{ DM} : 9 = 1,40 \text{ DM} \checkmark$

$20,00 \text{ DM} : 8 = 2,50 \text{ DM} \checkmark$

$16,80 \text{ DM} : 7 = 2,40 \text{ DM} \checkmark$

c)  $9,10 \text{ DM} : 7 = 1,30 \text{ DM} \checkmark$

$8,40 \text{ DM} : 6 = 1,40 \text{ DM} \checkmark$

$10,50 \text{ DM} : 7 = 1,50 \text{ DM} \checkmark$

$17,50 \text{ DM} : 5 = 3,50 \text{ DM} \checkmark$

d)  $10,80 \text{ DM} : 9 = 1,20 \text{ DM} \checkmark$

$12,80 \text{ DM} : 8 = 1,60 \text{ DM} \checkmark$

$14,40 \text{ DM} : 9 = 1,60 \text{ DM} \checkmark$

$15,00 \text{ DM} : 6 = 2,50 \text{ DM} \checkmark$

e)  $18,00 \text{ DM} : 10 = 1,80 \text{ DM} \checkmark$

$24,00 \text{ DM} : 10 = 2,40 \text{ DM} \checkmark$

$62,00 \text{ DM} : 10 = 6,20 \text{ DM} \checkmark$

$88,00 \text{ DM} : 10 = 8,80 \text{ DM} \checkmark$

f

23.)a)  $6,000 \text{ kg} : 4 = 1,500 \text{ kg} \checkmark$

$5,000 \text{ kg} : 2 = 2,500 \text{ kg} \checkmark$

$9,000 \text{ kg} : 6 = 1,500 \text{ kg} \checkmark$

$8,000 \text{ kg} : 5 = 1,600 \text{ kg} \checkmark$

b)  $2,400 \text{ kg} : 3 = 0,800 \text{ kg} \checkmark$

$3,600 \text{ kg} : 8 = 0,450 \text{ kg} \checkmark$

$0,325 \text{ kg} : 5 = 0,065 \text{ kg} \checkmark$

$1,750 \text{ kg} : 7 = 0,250 \text{ kg} \checkmark$

c)  $9,600 \text{ kg} : 80 = 0,12 \text{ kg}$

$4,800 \text{ kg} : 30 = 0,16 \text{ kg}$

$6,300 \text{ kg} : 90 = 0,070 \text{ kg}$

$9,500 \text{ kg} : 50 = 0,19 \text{ kg}$   
ungültig

d)  $9,600 \text{ kg} : 80 = 0,120 \text{ kg} \checkmark$

$4,800 \text{ kg} : 30 = 0,160 \text{ kg} \checkmark$

$6,300 \text{ kg} : 90 = 0,070 \text{ kg} \checkmark$

$9,500 \text{ kg} : 50 = 0,190 \text{ kg} \checkmark$

e)  $4,000 \text{ t} : 20 = 0,200 \text{ t} \checkmark$

$9,100 \text{ t} : 70 = 0,130 \text{ t} \checkmark$

$4,500 \text{ t} : 60 = 0,075 \text{ t} \checkmark$

$6,000 \text{ t} : 40 = 0,150 \text{ t} \checkmark$

3.12.1964

$$\underline{23)e)} 7,500 t : 500 = 0,015 t \downarrow$$

$$12,000 t : 300 = 0,040 t \downarrow$$

$$6,600 t : 300 = 0,022 t \downarrow$$

$$13,600 t : 800 = 0,017 t \downarrow$$

$$5,40 DM : 30 = 0,18 DM \downarrow$$

$$9,20 DM : 40 = 0,23 DM \downarrow$$

$$12,80 DM : 80 = 0,16 DM \downarrow$$

$$18,00 DM : 40 = 0,45 DM \downarrow$$

$$37,50 DM : 50 = 0,75 DM \downarrow$$

$$17,80 DM : 20 = 0,89 DM \downarrow$$

$$88,20 DM : 90 = 0,98 DM \downarrow$$

$$44,40 DM : 60 = 0,74 DM \downarrow$$

$$67,20 DM : 70 = \overset{0,96 DM}{\cancel{0,81 DM}} R. 5 DM \downarrow$$

$$19,60 DM : 40 = 0,49 DM \downarrow$$

$$4,500 kg : 500 = 0,009 kg \downarrow$$

$$3,600 kg : 900 = 0,004 kg \downarrow$$

$$7,200 kg : 800 = 0,009 kg \downarrow$$

$$32,400 kg : 400 = 0,081 kg \downarrow$$

$$57,400 kg : 700 = 0,082 kg \downarrow$$

$$52,200 kg : 600 = 0,087 kg \downarrow$$

$$93,300 kg : 300 = 0,311 kg \downarrow$$

$$157,400 kg : 700 = 0,082 kg \downarrow$$

$$86,800 kg : 200 = 0,434 kg \downarrow$$

$$56,400 kg : 400 = 0,141 kg \downarrow$$

$$87,500 kg : 500 = 0,175 kg \downarrow$$

$$\underline{32)d)} 10 Pf \text{ in } 2,50 DM = 25 mal \downarrow \quad 7.12.1964$$

$$40 Pf \text{ in } 8,00 DM = 20 mal \downarrow$$

$$60 Pf \text{ in } 3,50 DM = 5 mal R. 50 Pf \downarrow$$

$$90 Pf \text{ in } 8,50 DM = 9 mal R. 40 Pf \downarrow$$

$$30 Pf \text{ in } 2,20 DM = 7 mal R. 10 Pf \downarrow$$

$$50 Pf \text{ in } 7,30 DM = 14 mal R. 30 Pf \downarrow$$

$$\underline{d)} 50 Pf \text{ in } 10,00 DM = 20 mal \downarrow$$

$$40 Pf \text{ in } 12,00 DM = 30 mal \downarrow$$

$$60 Pf \text{ in } 24,00 DM = 40 mal \downarrow$$

$$30 Pf \text{ in } 15,00 DM = 50 mal \downarrow$$

$$90 Pf \text{ in } 13,50 DM = 15 mal \downarrow$$

$$70 Pf \text{ in } 11,20 DM = 16 mal \downarrow$$

4.12.1964

$4 \quad 60 \cdot 70 = 4200 \downarrow$

$60 \cdot 99 = 5940 \downarrow$

$60 \cdot 23 = 1380 \downarrow$

$60 \cdot 130 = 7800 \downarrow$

$60 \cdot 109 = 6540 \downarrow$

$60 \cdot 199 = 11940 \downarrow$

$5 \quad 70 \cdot 80 = 5600 \downarrow$

$70 \cdot 15 = 1050 \downarrow$

$70 \cdot 24 = 1680 \downarrow$

$70 \cdot 55 = 3850 \downarrow$

$70 \cdot 110 = 7700 \downarrow$

$70 \cdot 240 = 16800 \downarrow$

$6 \quad 80 \cdot 50 = 4000 \downarrow$

$80 \cdot 16 = 1280 \downarrow$

$80 \cdot 45 = 3600 \downarrow$

$80 \cdot 72 = 5760 \downarrow$

$80 \cdot 125 = 10000 \downarrow$

$80 \cdot 210 = 16800 \downarrow$

$7 \quad 90 \cdot 60 = 5400 \downarrow$

$90 \cdot 14 = 1260 \downarrow$

$90 \cdot 41 = 3690 \downarrow$

$90 \cdot 25 = 2250 \downarrow$

$90 \cdot 150 = 13500 \downarrow$

$90 \cdot 400 = 36000 \downarrow$

$3 - 8) \underline{2416} : 2 = 1208 \downarrow$

2000

400

16

$1872 : 3 = 624 \downarrow$

1800

60

12

$4608 : 4 = 1152 \downarrow$

4000

400

200

8

$5340 : 5 = 1068 \downarrow$

5000

300

40

8.12.1964

$$\underline{3-8.)d)7390} : 7 = 1055R.5 \checkmark$$

7000

350

35

5

$$\underline{3735} : 9 = 415 \checkmark$$

3600

90

45

$$\underline{3-8.)d)5820} : 6 = 970 \checkmark$$

5400

420

$$\underline{8492} : 8 = 1061R.4 \checkmark$$

8000

480

8

4

$$\underline{3-8.)d)6712} : 2 = 3356 \checkmark$$

6000

600

100

12

$$\underline{4275} : 3 = 1425 \checkmark$$

3000

1200

60

15

$$\underline{3-8.)d)5782} : 2 = 2891 \checkmark$$

4000

1600

180

2

$$\underline{8435} : 3 = 2811R.2 \checkmark$$

6000

2400

30

3

2

$$\underline{8452} : 4 = 2113 \checkmark$$

8000

400

40

12

$$\underline{4513} : 5 = 902R.3 \checkmark$$

4500

10

3

$$\underline{3-8)p} \underline{6465} : 4 = 1616 \text{ R.1} \checkmark$$

4000

2400

40

24

1

$$\underline{6780} : 5 = 1356 \checkmark$$

5000

1500

250

30

$$\underline{3-8)q} \underline{7160} : 3 = 2386 \text{ R.2} \checkmark$$

6000

900

240

18

2

$$\underline{7580} : 4 = 1895 \checkmark$$

4000

3200

360

20

$$\underline{8445} : 7 = 1206 \text{ R.3} \checkmark$$

7000

1400

42

3

$$\underline{3204} : 9 = 356 \checkmark$$

2700

450

54

$$\underline{8395} : 5 = 1679 \checkmark$$

5000

3000

350

45

$$\underline{4385} : 6 = 730 \text{ R.5} \checkmark$$

4200

180

5

$$\underline{3-8)r} \underline{8485} : 2 = 4242 \text{ R.1} \checkmark$$

8000

400

80

4

1

$$\underline{5808} : 8 = 726 \checkmark$$

5600

160

48



9.12.1964

# Schriftliches Teilen

$$5382 : 2 = 2691$$

$$\begin{array}{r}
 4 \\
 13 \\
 \underline{12} \\
 18 \\
 \underline{18} \\
 2
 \end{array}$$

$$4836 : 6 = 806$$

$$\begin{array}{r}
 \underline{48} \\
 3 \\
 \underline{0} \\
 36 \\
 \underline{36}
 \end{array}$$

$$9082 : 5 = 1816 R2$$

$$\begin{array}{r}
 \underline{5} \\
 40 \\
 \underline{40} \\
 8 \\
 \underline{5} \\
 32 \\
 \underline{30} \\
 2
 \end{array}$$

$$\begin{array}{r}
 \underline{15) 1495} : 5 = 299 \quad \checkmark \\
 10 \\
 \underline{49} \\
 45 \\
 \underline{45} \\
 45 \\
 \underline{45}
 \end{array}$$

$$\begin{array}{r}
 \underline{1) 3785} : 5 = 757 \quad \checkmark \\
 35 \\
 \underline{28} \\
 25 \\
 \underline{25} \\
 35 \\
 \underline{35}
 \end{array}$$

$$c) 1951 : 5 = 390 R.1 \checkmark$$

$$\begin{array}{r}
 \underline{15} \\
 45 \\
 \underline{45} \\
 1 \\
 0 \\
 \underline{1}
 \end{array}$$

$$\begin{array}{r}
 \underline{1) 3824} : 5 = 764 R.4 \quad \checkmark \\
 35 \\
 \underline{32} \\
 30 \\
 \underline{30} \\
 24 \\
 \underline{20} \\
 4
 \end{array}$$

$$16) a) 3871 : 7 = 553 \quad \checkmark$$

$$\begin{array}{r}
 \underline{35} \\
 37 \\
 \underline{35} \\
 21
 \end{array}$$

$$\begin{array}{r}
 \underline{1) 9499} : 7 = 1357 \quad \checkmark \\
 7 \\
 \underline{24} \\
 21 \\
 \underline{21} \\
 39 \\
 \underline{35} \\
 49 \\
 \underline{49}
 \end{array}$$

$$d) 2946 : 7 = 420 R.6 \checkmark$$

$$\begin{array}{r}
 \underline{28} \\
 14 \\
 \underline{14} \\
 6 \\
 0 \\
 \underline{6}
 \end{array}$$

$$\begin{array}{r}
 \underline{1) 4444} : 7 = 634 R.6 \quad \checkmark \\
 42 \\
 \underline{24} \\
 21 \\
 \underline{21} \\
 34 \\
 \underline{28} \\
 6
 \end{array}$$

7

$10.12.1964 \quad 17) a) 2384 : 8 = 298$

$$\begin{array}{r} 16 \\ \underline{78} \\ 72 \\ \underline{64} \\ 64 \end{array}$$

Probe:  $298 \cdot 8$

$$\underline{\underline{2384}} \checkmark$$

$b) 4632 : 8 = 579$

$$\begin{array}{r} 40 \\ \underline{63} \\ 56 \\ \underline{72} \\ 72 \end{array}$$

Probe:  $579 \cdot 8$

$$\underline{\underline{4632}} \checkmark$$

$c) 3522 : 8 = 440 R.2$

$$\begin{array}{r} 32 \\ \underline{32} \\ 32 \\ \underline{02} \\ 0 \\ \underline{2R.} \end{array}$$

Probe:  $440 \cdot 8$

$$\begin{array}{r} 3520 \\ + \quad 2 \\ \underline{\underline{3522}} \checkmark \end{array}$$

$d) 5856 : 8 = 732$

$$\begin{array}{r} 56 \\ \underline{25} \\ 24 \\ \underline{16} \\ 16 \end{array}$$

Probe:  $732 \cdot 8$

$$\underline{\underline{5856}} \checkmark$$

$18) a) 6795 : 9 = 755$

$$\begin{array}{r} 63 \\ \underline{49} \\ 45 \\ \underline{45} \\ 45 \end{array}$$

Probe:  $755 \cdot 9$

$$\underline{\underline{6795}} \checkmark$$

$18) b) 2547 : 9 = 283$

$$\begin{array}{r} 18 \\ \underline{74} \\ 72 \\ \underline{27} \\ 27 \end{array}$$

Probe:  $283 \cdot 9$

$$\underline{\underline{2547}} \checkmark$$

$c) 4320 : 9 = 480$

$$\begin{array}{r} 36 \\ \underline{72} \\ 72 \\ \underline{00} \\ 0 \end{array}$$

Probe:  $480 \cdot 9$

$$\underline{\underline{4320}} \checkmark$$

$d) 5931 : 9 = 659$

$$\begin{array}{r} 54 \\ \underline{53} \\ 45 \\ \underline{81} \\ 81 \end{array}$$

Probe:  $659 \cdot 9$

$$\underline{\underline{5931}} \checkmark$$

$25) a) 7435 : 4 = 1858 R.3$

$$\begin{array}{r} 4 \\ \underline{34} \\ 32 \\ \underline{23} \\ 20 \\ \underline{35} \\ 32 \\ \underline{3R.} \end{array}$$

Probe:  $1858 \cdot 4$

$$\begin{array}{r} 7432 \\ + \quad 3 \\ \underline{\underline{7435}} \end{array}$$

11.12.1964

$b) 8346 : 4 = 2086 R.2$

$$\begin{array}{r} 8 \\ \underline{3} \\ 0 \\ \underline{34} \\ 32 \\ \underline{26} \\ 24 \\ \underline{2R.} \end{array}$$

Probe:  $2086 \cdot 4$

$$\begin{array}{r} 8344 \\ + \quad 2 \\ \underline{\underline{8346}} \end{array}$$

25.)c) 2795 : 4 = 698 R.3

24	39	Probe: 698 · 4
36	35	2792
32	32	+           3
3R.		<u>2795</u>

26.)a) 4077 : 6 = 679 R.3

36	47	Probe: 679 · 6
42	57	4074
54	54	+           3
3R.		<u>4077</u>

27.)a) 9436 : 6 = 1572 R.4

6	34	Probe: 1572 · 6
30	43	9432
42	42	+           4
16	12	<u>9436</u>
4R.		

c) 5001 : 6 = 833 R.3

48	20	Probe: 833 · 6
18	21	4998
3R.	18	+           3
		<u>5001</u>

27.)a) 6504 : 8 = 813

64	10	Probe: 813 · 8
8	24	6504
24	24	

27.)b) 3911 : 8 = 488 R.7

32	71	Probe: 488 · 8
64	71	3904
7R.	64	+           7
	7R.	<u>3911</u>

c) 10000 : 8 = 1250

8	20	Probe: 1250 · 8
16	40	10000
40	40	
00	00	
0	0	

43.)a) 549820 : 2 = 274910

4	14	Probe: 274910 · 2
14	09	549820
09	8	
8	18	
18	18	
02	02	
2	2	
00	00	
0	0	

14.12.1964

43.) a) 761325 : 2 = 380662 R.1

$$\begin{array}{r}
 6 \\
 \underline{16} \\
 16 \\
 \underline{01} \\
 0 \\
 \underline{13} \\
 12 \\
 \underline{12} \\
 12 \\
 \underline{12} \\
 05 \\
 4 \\
 \underline{1R.}
 \end{array}$$

Probe: 380662 · 2

$$\begin{array}{r}
 761324 \\
 + \quad \quad \quad 1 \\
 \hline
 \underline{\underline{761325}}
 \end{array}$$

44.) a) 376516 : 3 = 125505 R.1

$$\begin{array}{r}
 3 \\
 \underline{07} \\
 6 \\
 \underline{16} \\
 15 \\
 \underline{15} \\
 15 \\
 \underline{15} \\
 01 \\
 0 \\
 \underline{16} \\
 15 \\
 \underline{1R.}
 \end{array}$$

Probe: 125505 · 3

$$\begin{array}{r}
 376515 \\
 + \quad \quad \quad 1 \\
 \hline
 \underline{\underline{376516}}
 \end{array}$$

b) 822560 : 3 = 274186 R.2

$$\begin{array}{r}
 6 \\
 \underline{22} \\
 21 \\
 \underline{12} \\
 12 \\
 \underline{05} \\
 3 \\
 \underline{26} \\
 24 \\
 \underline{20} \\
 18 \\
 \underline{2R.}
 \end{array}$$

Probe: 274186 · 3

$$\begin{array}{r}
 822558 \\
 + \quad \quad \quad 2 \\
 \hline
 \underline{\underline{822560}}
 \end{array}$$

45.) a) 664934 : 4 = 166233 R.2

$$\begin{array}{r}
 4 \\
 \underline{26} \\
 24 \\
 \underline{24} \\
 09 \\
 8 \\
 \underline{13} \\
 12 \\
 \underline{14} \\
 12 \\
 \underline{2R.}
 \end{array}$$

Probe: 166233 · 4

$$\begin{array}{r}
 664932 \\
 + \quad \quad \quad 2 \\
 \hline
 \underline{\underline{664934}}
 \end{array}$$

b) 924733 : 4 = 231183 R.1

$$\begin{array}{r}
 8 \\
 \underline{12} \\
 12 \\
 \underline{04} \\
 4 \\
 \underline{07} \\
 4 \\
 \underline{33} \\
 32 \\
 \underline{13} \\
 12 \\
 \underline{1R.}
 \end{array}$$

Probe: 231183 · 4

$$\begin{array}{r}
 924732 \\
 + \quad \quad \quad 1 \\
 \hline
 \underline{\underline{924733}}
 \end{array}$$

46.) a) 713429 : 4 = 178357 R.1

$$\begin{array}{r}
 \times \\
 4 \\
 \underline{31} \\
 28 \\
 \underline{33} \\
 32 \\
 \underline{14} \\
 12 \\
 \underline{22} \\
 20 \\
 \underline{29} \\
 28 \\
 \underline{1R.}
 \end{array}$$

Probe: 178357 · 4

$$\begin{array}{r}
 713428 \\
 + \quad \quad \quad 1 \\
 \hline
 \underline{\underline{713429}}
 \end{array}$$

ungültig

46) a) 419 648 : 5 = 83929 R.3

$$\begin{array}{r}
 40 \\
 \underline{19} \\
 15 \\
 \underline{46} \\
 45 \\
 \underline{14} \\
 10 \\
 \underline{48} \\
 45 \\
 \underline{\quad} \\
 3 \text{ R.}
 \end{array}$$

Probe: 83929 · 5

$$\begin{array}{r}
 419645 \\
 + \quad \quad \quad 3 \\
 \hline
 419648
 \end{array}$$

x a) 713 429 : 5 = 142685 R.4

$$\begin{array}{r}
 5 \\
 \underline{21} \\
 20 \\
 \underline{13} \\
 10 \\
 \underline{34} \\
 30 \\
 \underline{42} \\
 40 \\
 \underline{29} \\
 25 \\
 \underline{\quad} \\
 4 \text{ R.}
 \end{array}$$

Probe: 142685 · 5

$$\begin{array}{r}
 713425 \\
 + \quad \quad \quad 4 \\
 \hline
 713429
 \end{array}$$

47) a) 891 088 : 6 = 148514 R.4

$$\begin{array}{r}
 6 \\
 \underline{29} \\
 24 \\
 \underline{51} \\
 48 \\
 \underline{30} \\
 30 \\
 \underline{08} \\
 6 \\
 \underline{28} \\
 24 \\
 \underline{\quad} \\
 4 \text{ R.}
 \end{array}$$

Probe: 148514 · 6

$$\begin{array}{r}
 891084 \\
 + \quad \quad \quad 4 \\
 \hline
 891088
 \end{array}$$

47) b) 691 352 : 6 = 115225 R.2

$$\begin{array}{r}
 6 \\
 \underline{09} \\
 6 \\
 \underline{31} \\
 30 \\
 \underline{13} \\
 12 \\
 \underline{15} \\
 12 \\
 \underline{32} \\
 30 \\
 \underline{\quad} \\
 2 \text{ R.}
 \end{array}$$

Probe: 115225 · 6

$$\begin{array}{r}
 691350 \\
 + \quad \quad \quad 2 \\
 \hline
 691352
 \end{array}$$

48) a) 913 509 : 7 = 130501 R.2

$$\begin{array}{r}
 7 \\
 \underline{21} \\
 21 \\
 \underline{03} \\
 0 \\
 \underline{35} \\
 35 \\
 \underline{00} \\
 0 \\
 \underline{09} \\
 7 \\
 \underline{\quad} \\
 2 \text{ R.}
 \end{array}$$

Probe: 130501 · 7

$$\begin{array}{r}
 913507 \\
 + \quad \quad \quad 2 \\
 \hline
 913509
 \end{array}$$

xx b) 337 509 : 7 = 48215 R.4

$$\begin{array}{r}
 28 \\
 \underline{57} \\
 56 \\
 \underline{15} \\
 14 \\
 \underline{10} \\
 7 \\
 \underline{39} \\
 35 \\
 \underline{\quad} \\
 4 \text{ R.}
 \end{array}$$

Probe: 48215 · 7

$$\begin{array}{r}
 337505 \\
 + \quad \quad \quad 4 \\
 \hline
 337509
 \end{array}$$

ungültig

49.) a) 846 560 : 8 = 105820 ✓

8  
04  
046  
40  
65  
64  
16  
16  
00  
0

Probe: 105820 · 8  
846 560

b) 225 672 : 8 = 28209 ✓

16  
65  
64  
16  
16  
07  
0  
72  
72

Probe: 28209 · 8  
225 672

50.) a) 496 971 : 9 = 55219 ✓

45  
46  
45  
19  
18  
17  
9  
81  
81

Probe: 55219 · 9  
496 971

50.) b) 553 562 : 9 = 61506 R.8 ✓

54  
13  
9  
45  
45  
06  
62  
54  
8R.

Probe: 61506 · 9  
553 554  
+ 18  
553 562

48.) b) 337 561 : 7 = 48223 ✓

~~28~~  
57  
56  
15  
14  
16  
14  
21  
21

Probe: 48223 · 7  
337 561

56.) 311 070 : 8 = 38883 R.6 ✓

a) 11)  
24  
71  
64  
70  
64  
67  
64  
30  
24  
6R.

Probe: 38883 · 8  
311 064  
+ 6  
311 070

16.12.1964

56.)  $311\ 070 : 6 = 51845 \checkmark$   
a)2)  $\begin{array}{r} 30 \\ 11 \\ \hline 6 \\ 50 \\ 48 \\ \hline 27 \\ 24 \\ \hline 30 \\ 30 \end{array}$  Probe:  $51845 \cdot 6$   
311070

b)1)  $66\ 904 : 7 = 9557 \text{ R. } 5 \checkmark$   
 $\begin{array}{r} 63 \\ 39 \\ \hline 35 \\ 40 \\ 35 \\ \hline 54 \\ 49 \\ \hline 5 \text{ R.} \end{array}$  Probe:  $9557 \cdot 7$   
 $\begin{array}{r} 66899 \\ + \quad \quad 5 \\ \hline 66904 \end{array}$

b)2)  $66\ 904 : 5 = 13380 \text{ R. } 4 \checkmark$   
 $\begin{array}{r} 5 \\ 16 \\ \hline 15 \\ 19 \\ \hline 15 \\ 40 \\ 40 \\ \hline 04 \\ 0 \\ \hline 4 \text{ R.} \end{array}$  Probe:  $13380 \cdot 5$   
 $\begin{array}{r} 66900 \\ + \quad \quad 4 \\ \hline 66904 \end{array}$

58.)  $581\ 082 : 4 = 145270 \text{ R. } 2 \checkmark$   
a)1)  $\begin{array}{r} 4 \\ 18 \\ \hline 16 \\ 21 \\ 20 \\ \hline 10 \\ 8 \\ \hline 28 \\ 28 \\ \hline 02 \\ 0 \\ \hline 2 \text{ R.} \end{array}$  Probe:  $145270 \cdot 4$   
 $\begin{array}{r} 581080 \\ + \quad \quad 2 \\ \hline 581082 \end{array}$

a)2)  $581\ 082 : 9 = 64564 \text{ R. } 6 \checkmark$   
 $\begin{array}{r} 54 \\ 41 \\ \hline 36 \\ 50 \\ 45 \\ \hline 58 \\ 54 \\ \hline 42 \\ 36 \\ \hline 6 \text{ R.} \end{array}$  Probe:  $64564 \cdot 9$   
 $\begin{array}{r} 581076 \\ + \quad \quad 6 \\ \hline 581082 \end{array}$

b)1)  $1132\ 470 : 2 = 566235 \checkmark$   
 $\begin{array}{r} 10 \\ 13 \\ \hline 12 \\ 12 \\ \hline 04 \\ 4 \\ \hline 07 \\ 6 \\ \hline 10 \\ 10 \end{array}$  Probe:  $566235 \cdot 2$   
1132470

$$58.) 1132470 : 7 = 161781 \text{ R. } 3 \checkmark$$

b) 2)

$$\begin{array}{r} 7 \\ \underline{43} \\ 42 \end{array}$$

Probe:  $161781 \cdot 7$

$$\begin{array}{r} 12 \\ \underline{7} \\ 54 \end{array}$$

$$\begin{array}{r} 1132467 \\ + \phantom{113246} 3 \\ \hline 1132470 \end{array}$$

$$\begin{array}{r} 49 \\ \underline{57} \\ 56 \end{array}$$

$$\underline{\underline{1132470}}$$

$$\begin{array}{r} 57 \\ \underline{56} \\ 10 \end{array}$$

$$\begin{array}{r} 7 \\ \underline{7} \\ 3 \text{ R.} \end{array}$$

17.12.1964  $70.) a) 3815 \text{ dx} : 5 \text{ dx} = 763 \text{ mal} \checkmark$

$$\begin{array}{r} 35 \\ \underline{31} \\ 30 \end{array}$$

b)  $7180 \text{ dx} : 5 \text{ dx} = 1436 \text{ mal} \checkmark$

$$\begin{array}{r} 15 \\ \underline{15} \\ 15 \end{array}$$

$$\begin{array}{r} 5 \\ \underline{21} \\ 20 \end{array}$$

$$\begin{array}{r} 18 \\ \underline{15} \\ 30 \end{array}$$

$$\begin{array}{r} 15 \\ \underline{30} \\ 30 \end{array}$$

c)  $2735 \text{ dx} : 5 \text{ dx} = 547 \text{ mal} \checkmark$

$$\begin{array}{r} 25 \\ \underline{23} \\ 20 \end{array}$$

d)  $8505 \text{ dx} : 5 \text{ dx} = 1701 \text{ mal} \checkmark$

$$\begin{array}{r} 35 \\ \underline{35} \\ 35 \end{array}$$

$$\begin{array}{r} 5 \\ \underline{35} \\ 35 \end{array}$$

$$\begin{array}{r} 00 \\ \underline{00} \\ 05 \end{array}$$

$$\begin{array}{r} 00 \\ \underline{00} \\ 05 \end{array}$$

$$\begin{array}{r} 5 \\ \underline{5} \end{array}$$

$70.) e) 4390 \text{ dx} : 5 \text{ dx} = 878 \text{ mal} \checkmark$

$$\begin{array}{r} 40 \\ \underline{39} \\ 35 \end{array}$$

f)  $5085 \text{ dx} : 5 \text{ dx} = 1017 \text{ mal} \checkmark$

$$\begin{array}{r} 40 \\ \underline{35} \\ 40 \end{array}$$

$$\begin{array}{r} 050 \\ \underline{000} \\ 08 \end{array}$$

$$\begin{array}{r} 5 \\ \underline{35} \\ 35 \end{array}$$

$$\begin{array}{r} 08 \\ \underline{00} \\ 5 \end{array}$$

$$\begin{array}{r} 35 \\ \underline{35} \end{array}$$

$72.) a) 7973 \text{ hl} : 7 \text{ hl} = 1139 \text{ mal} \checkmark$

$$\begin{array}{r} 7 \\ \underline{09} \\ 7 \end{array}$$

b)  $8064 \text{ hl} : 7 \text{ hl} = 1152 \text{ mal} \checkmark$

$$\begin{array}{r} 29 \\ \underline{21} \\ 63 \end{array}$$

$$\begin{array}{r} 7 \\ \underline{10} \\ 7 \end{array}$$

$$\begin{array}{r} 63 \\ \underline{63} \end{array}$$

$$\begin{array}{r} 36 \\ \underline{35} \\ 14 \end{array}$$

$$\begin{array}{r} 14 \\ \underline{14} \end{array}$$

$$\begin{array}{r} 14 \\ \underline{14} \end{array}$$

c)  $3423 \text{ hl} : 7 \text{ hl} = 489 \text{ mal} \checkmark$

$$\begin{array}{r} 28 \\ \underline{62} \\ 56 \end{array}$$

d)  $9289 \text{ hl} : 7 \text{ hl} = 1327 \text{ mal} \checkmark$

$$\begin{array}{r} 63 \\ \underline{63} \end{array}$$

$$\begin{array}{r} 7 \\ \underline{22} \\ 21 \end{array}$$

$$\begin{array}{r} 18 \\ \underline{14} \\ 49 \end{array}$$

$$\begin{array}{r} 49 \\ \underline{49} \end{array}$$



72.) e) 5418 hl : 7 hl = 774 mal ✓

$$\begin{array}{r} 49 \\ \underline{51} \\ 49 \\ \underline{28} \\ 28 \end{array}$$

1) 6006 hl : 7 hl = 858 mal ✓

$$\begin{array}{r} 56 \\ \underline{40} \\ 35 \\ \underline{56} \\ 56 \end{array}$$



78.) a) 764 064 l : 9 l = 84896 mal ✓

$$\begin{array}{r} 72 \\ \underline{44} \\ 36 \\ 80 \\ \underline{72} \\ 86 \\ 81 \\ \underline{54} \\ 54 \end{array}$$

$$\begin{array}{r} 54 \\ \underline{62} \\ 54 \\ 81 \\ \underline{81} \\ 03 \\ 0 \\ \underline{36} \\ 36 \end{array}$$

18.12.1964

76.) a) Eine Fabrik stellt Farbstifte her. Je 6

Stück werden in eine Schachtel verpackt. Wieviel Schachteln sind nötig für 7248 Stifte?

7248 : 6 = 1208

$$\begin{array}{r} 6 \\ \underline{12} \\ 12 \\ 04 \\ \underline{0} \\ 48 \\ \underline{48} \end{array}$$

Antwort:

Für 7248 Stifte

sind 1208

Schachteln nö-

tig. ✓

b) Wieviel Schachteln sind nötig

für 12396 Stifte? Antwort:

12396 : 6 = 2066

$$\begin{array}{r} 12 \\ \underline{12} \\ 03 \\ \underline{0} \\ 39 \\ \underline{36} \\ 36 \\ \underline{36} \\ 0 \end{array}$$

Für 12396 Stif-

te sind 2066

Schachteln

nötig. ✓

d) 523 494 l : 9 l = 58166 mal ✓

$$\begin{array}{r} 45 \\ \underline{73} \\ 72 \\ 14 \\ 9 \\ \underline{59} \\ 54 \\ 54 \end{array}$$

$$\begin{array}{r} 45 \\ \underline{03} \\ 0 \\ 39 \\ \underline{36} \\ 30 \\ 27 \\ \underline{31} \\ 27 \\ \underline{4} \end{array}$$

d) 453 901 l : 9 l = 50433 mal R.4 ✓

11.1.1965

## Wir prüfen die Teilbarkeit:

Ohne Rest teilbar durch 2 sind alle geraden Zahlen. ( $8716 : 2$ ,  $95670 : 2$ )

Ohne Rest teilbar durch 3 sind alle Zahlen, deren Quersumme durch 3 teilbar ist. ( $7+2+4+2 = 15$ )

Ohne Rest teilbar durch 4 sind alle Zahlen deren vorletzte und letzte Stelle Vierernzahlen sind. ( $67528 : 4$ )

Ohne Rest teilbar durch 5 sind alle Zahlen mit einer 5 oder einer 0 am Ende. ( $9895$ ,  $73630$ )

Ohne Rest teilbar durch 6 sind alle Zahlen, die auch durch 2 und durch 3 teilbar sind.

$$(6 \underline{354} = 18)$$

Astrid Pflüger

Klasse: 4a

Rechenheft

8

80 g/qm HOLZFREI

Brunnen  Heft

Nr. 10

$$\underline{2} \mid 588 \ 974 : 2 = 294487$$

$$\begin{array}{r} \underline{4} \\ 18 \end{array} \quad \begin{array}{r} 78 \\ 6 \end{array} \quad \begin{array}{r} 654 \\ 2 \end{array} = 39327$$

$$\begin{array}{r} \underline{18} \\ 08 \end{array} \quad \begin{array}{r} 6 \\ 18 \end{array}$$

$$\begin{array}{r} \underline{8} \\ 09 \end{array} \quad \begin{array}{r} 6 \\ 06 \end{array}$$

$$\begin{array}{r} \underline{8} \\ 17 \end{array} \quad \begin{array}{r} 6 \\ 05 \end{array}$$

$$\begin{array}{r} \underline{16} \\ 14 \end{array} \quad \begin{array}{r} 4 \\ 14 \end{array}$$

$$\begin{array}{r} \underline{14} \\ 14 \end{array} \quad \begin{array}{r} \underline{14} \\ 14 \end{array}$$

$$\underline{3} \mid 63756 : 3 = 21252$$

$$\begin{array}{r} \underline{6} \\ 03 \end{array} \quad \begin{array}{r} 45 \\ 3 \end{array} \quad \begin{array}{r} 8235 \\ 3 \end{array} = 152745$$

$$\begin{array}{r} \underline{3} \\ 07 \end{array} \quad \begin{array}{r} 3 \\ 15 \end{array}$$

$$\begin{array}{r} \underline{6} \\ 15 \end{array} \quad \begin{array}{r} 15 \\ 08 \end{array}$$

$$\begin{array}{r} \underline{15} \\ 06 \end{array} \quad \begin{array}{r} 6 \\ 22 \end{array}$$

$$\begin{array}{r} \underline{6} \\ 6 \end{array} \quad \begin{array}{r} 21 \\ 13 \end{array}$$

$$\begin{array}{r} \underline{12} \\ 15 \end{array}$$

$$\begin{array}{r} \underline{15} \\ 15 \end{array}$$

$$\underline{4} \mid 45648 : 4 = 11412$$

$$\begin{array}{r} \underline{4} \\ 05 \end{array} \quad \begin{array}{r} 38 \\ 36 \end{array} \quad \begin{array}{r} 36 \\ 4 \end{array} = 959$$

$$\begin{array}{r} \underline{4} \\ 16 \end{array} \quad \begin{array}{r} 23 \\ 20 \end{array}$$

$$\begin{array}{r} \underline{16} \\ 04 \end{array} \quad \begin{array}{r} 36 \\ 30 \end{array}$$

$$\begin{array}{r} \underline{4} \\ 08 \end{array} \quad \begin{array}{r} 8 \end{array}$$

$$5) 76570 : 5 = 15314$$

$$\begin{array}{r} 5 \\ \underline{26} \\ 25 \\ \underline{15} \\ 15 \\ \underline{15} \\ 07 \\ \underline{5} \\ 20 \\ \underline{20} \\ 0 \end{array} \quad \begin{array}{r} 46855 : 5 = 9371 \\ \underline{45} \\ 18 \\ \underline{15} \\ 35 \\ \underline{35} \\ 05 \\ \underline{5} \\ 0 \end{array}$$

$$6) 43548 : 6 = 7258$$

$$\begin{array}{r} 6 \\ \underline{42} \\ 15 \\ \underline{12} \\ 34 \\ \underline{30} \\ 48 \\ \underline{48} \\ 0 \end{array}$$

12.1.1965

Kommazahlen werden geteilt

Beachte: Beim Überschreiten des Kommas wird dieses sofort im Ergebnis gesetzt.

81.) Ein Arbeiter verdiente in einer Woche

76,62 DM. Wieviel also an jedem der 6 Arbeitstage?

$$76,62 \text{ DM} : 6 = 12,77$$

$$\begin{array}{r} 6 \\ \underline{16} \\ 12 \\ \underline{46} \\ 42 \\ \underline{42} \\ 42 \\ \underline{42} \\ 0 \end{array}$$

Antwort:

Der Arbeiter verdient an jedem Tag 12,77 DM. ✓

83.) a)  $14,80 \text{ DM} : 8 = 1,85 \text{ DM}$  ✓

$$\begin{array}{r} 8 \\ \underline{8} \\ 68 \\ \underline{64} \\ 40 \\ \underline{40} \\ 0 \end{array}$$

b)  $28,80 \text{ DM} : 5 = 5,76 \text{ DM}$  ✓

$$\begin{array}{r} 5 \\ \underline{25} \\ 38 \\ \underline{35} \\ 30 \\ \underline{30} \\ 0 \end{array}$$

c)  $23,80 \text{ DM} : 4 = 5,95 \text{ DM}$  ✓

$$\begin{array}{r} 4 \\ \underline{20} \\ 38 \\ \underline{36} \\ 20 \\ \underline{20} \\ 0 \end{array}$$

d)  $26,40 \text{ DM} : 5 = 5,28 \text{ DM}$  ✓

$$\begin{array}{r} 5 \\ \underline{25} \\ 14 \\ \underline{10} \\ 40 \\ \underline{40} \\ 0 \end{array}$$

e)  $13,86 \text{ DM} : 7 = 1,98 \text{ DM}$  ✓

$$\begin{array}{r} 7 \\ \underline{7} \\ 68 \\ \underline{63} \\ 56 \\ \underline{56} \\ 0 \end{array}$$

84.) a) 20,48 DM : 8 = 2,56 DM ✓

$$\begin{array}{r} 16 \\ \underline{44} \\ 40 \\ \underline{48} \\ 48 \\ \underline{48} \end{array}$$

b) 38,80 DM : 4 = 9,70 DM ✓

$$\begin{array}{r} 36 \\ \underline{28} \\ 28 \\ \underline{28} \\ 00 \\ \underline{00} \end{array}$$

c) 18,90 DM : 9 = 2,10 DM ✓

$$\begin{array}{r} 18 \\ \underline{09} \\ 9 \\ \underline{00} \\ 0 \end{array}$$

d) 20,16 DM : 7 = 2,88 DM ✓

$$\begin{array}{r} 14 \\ \underline{61} \\ 56 \\ \underline{56} \end{array}$$

e) 62,10 DM : 9 = 6,90 DM ✓

$$\begin{array}{r} 54 \\ \underline{81} \\ 81 \\ \underline{00} \\ 0 \end{array}$$

86.) a) 849,84 hl : 8 = 106,23 hl ✓ 13.1.1965

$$\begin{array}{r} 8 \\ \underline{04} \\ 0 \\ \underline{49} \\ 48 \\ \underline{18} \\ 16 \\ \underline{24} \\ 24 \end{array}$$

b) 539,92 hl : 8 = 67,49 hl ✓

$$\begin{array}{r} 48 \\ \underline{59} \\ 56 \\ \underline{39} \\ 32 \\ \underline{72} \\ 72 \end{array}$$

c) 4536,72 hl : 8 = 567,09 hl ✓

$$\begin{array}{r} 40 \\ \underline{53} \\ 48 \\ \underline{56} \\ 56 \\ \underline{07} \\ 07 \\ \underline{72} \\ 72 \end{array}$$

d) 8407,12 hl : 8 = 1050,89 hl ✓

$$\begin{array}{r} 8 \\ \underline{04} \\ 0 \\ \underline{40} \\ 40 \\ \underline{07} \\ 07 \\ \underline{71} \\ 64 \\ \underline{72} \\ 72 \end{array}$$

e) 6063,60 hl : 8 = 757,95 hl ✓

$$\begin{array}{r} 56 \\ \underline{46} \\ 40 \\ \underline{63} \\ 56 \\ \underline{76} \\ 72 \\ \underline{40} \\ 40 \end{array}$$



14.1.1965

92.)a)

5 748 : 30 = 191 R.18 ✓

$$\begin{array}{r} 5748 \\ \underline{30} \\ 274 \\ \underline{270} \\ 48 \\ \underline{30} \\ 18 R. \end{array}$$

b) 48190 : 30 = 1606 R.10 ✓

$$\begin{array}{r} 48190 \\ \underline{30} \\ 181 \\ \underline{180} \\ 19 \\ \underline{0} \\ 190 \\ \underline{180} \\ 10 R. \end{array}$$

c) 18630 : 30 = 621 ✓

$$\begin{array}{r} 18630 \\ \underline{180} \\ 63 \\ \underline{60} \\ 30 \\ \underline{30} \end{array}$$

d) 94209 : 30 = 3140 R.9 ✓

$$\begin{array}{r} 94209 \\ \underline{90} \\ 42 \\ \underline{30} \\ 120 \\ \underline{120} \\ 09 \\ \underline{0} \\ 9 R. \end{array}$$

e) 227856 : 30 = 7595 R.6 ✓

$$\begin{array}{r} 227856 \\ \underline{210} \\ 178 \\ \underline{150} \\ 285 \\ \underline{270} \\ 156 \\ \underline{150} \\ 6 R. \end{array}$$

f) 710999 : 30 = 23699 R.29 ✓

$$\begin{array}{r} 710999 \\ \underline{60} \\ 110 \\ \underline{90} \\ 209 \\ \underline{180} \\ 299 \\ \underline{270} \\ 299 \\ \underline{270} \\ 29 R. \end{array}$$

93.)a)

4680 : 40 = 117 ✓

$$\begin{array}{r} 4680 \\ \underline{40} \\ 68 \\ \underline{40} \\ 280 \\ \underline{280} \end{array}$$

b) 72599 : 40 = 1814 R.39 ✓

$$\begin{array}{r} 72599 \\ \underline{40} \\ 325 \\ \underline{320} \\ 59 \\ \underline{40} \\ 199 \\ \underline{160} \\ 39 R. \end{array}$$

c) 92320 : 40 = 2308 ✓

$$\begin{array}{r} 92320 \\ \underline{80} \\ 123 \\ \underline{120} \\ 32 \\ \underline{0} \\ 320 \\ \underline{320} \end{array}$$

d) 36743 : 40 = 918 R.23 ✓

$$\begin{array}{r} 36743 \\ \underline{360} \\ 74 \\ \underline{40} \\ 343 \\ \underline{320} \\ 23 R. \end{array}$$

e) 253985 : 40 = 6349 R.25 ✓

$$\begin{array}{r} 253985 \\ \underline{240} \\ 139 \\ \underline{120} \\ 198 \\ \underline{160} \\ 385 \\ \underline{360} \\ 25 R. \end{array}$$

f) 517167 : 40 = 12929 R.7 ✓

$$\begin{array}{r} 517167 \\ \underline{40} \\ 117 \\ \underline{80} \\ 371 \\ \underline{360} \\ 116 \\ \underline{80} \\ 367 \\ \underline{360} \\ 7 R. \end{array}$$



94.)a)

$$7450 : 50 = 149 \checkmark$$

$$\begin{array}{r}
 7450 \\
 \underline{50} \\
 245 \\
 \underline{200} \\
 450 \\
 \underline{450} \\
 0
 \end{array}$$

Probe:

$$\begin{array}{r}
 149 \cdot 50 \\
 \underline{7450}
 \end{array}$$

b)

$$33817 : 50 = 676 \text{ R. } 17 \checkmark$$

$$\begin{array}{r}
 33817 \\
 \underline{300} \\
 381 \\
 \underline{350} \\
 317 \\
 \underline{300} \\
 17 \text{ R.}
 \end{array}$$

Probe:

$$\begin{array}{r}
 676 \cdot 50 \\
 \underline{33800} \\
 + \quad 17 \\
 \hline
 33817
 \end{array}$$

c)

$$69595 : 50 = 1391 \text{ R. } 45 \checkmark$$

$$\begin{array}{r}
 69595 \\
 \underline{50} \\
 195 \\
 \underline{150} \\
 459 \\
 \underline{450} \\
 95 \\
 \underline{50} \\
 45 \text{ R.}
 \end{array}$$

Probe:

$$\begin{array}{r}
 1391 \cdot 50 \\
 \underline{69550} \\
 + \quad 45 \\
 \hline
 69595
 \end{array}$$

d)

$$40149 : 50 = 802 \text{ R. } 49 \checkmark$$

$$\begin{array}{r}
 40149 \\
 \underline{400} \\
 14 \\
 \underline{0} \\
 149 \\
 \underline{100} \\
 49 \text{ R.}
 \end{array}$$

Probe:

$$\begin{array}{r}
 802 \cdot 50 \\
 \underline{40100} \\
 + \quad 49 \\
 \hline
 40149
 \end{array}$$

$$\underline{94.)e)} 200300 : 50 = 4006 \checkmark$$

$$\begin{array}{r}
 200300 \\
 \underline{200} \\
 03 \\
 \underline{0} \\
 30 \\
 \underline{0} \\
 300 \\
 \underline{300} \\
 0
 \end{array}$$

Probe:

$$\begin{array}{r}
 4006 \cdot 50 \\
 \underline{200300}
 \end{array}$$

$$\underline{f)} 1960282 : 50 = 19205 \text{ R. } 32 \checkmark$$

$$\begin{array}{r}
 1960282 \\
 \underline{50} \\
 460 \\
 \underline{450} \\
 102 \\
 \underline{100} \\
 28 \\
 \underline{0} \\
 282 \\
 \underline{250} \\
 32 \text{ R.}
 \end{array}$$

Probe:

$$\begin{array}{r}
 19205 \cdot 50 \\
 \underline{960250} \\
 + \quad 32 \\
 \hline
 960282
 \end{array}$$

95.)a)

$$9180 : 60 = 153 \checkmark$$

$$\begin{array}{r}
 9180 \\
 \underline{60} \\
 318 \\
 \underline{300} \\
 180 \\
 \underline{180} \\
 0
 \end{array}$$

$$\underline{b)} 95310 : 60 = 1588 \text{ R. } 30 \checkmark$$

$$\begin{array}{r}
 95310 \\
 \underline{60} \\
 353 \\
 \underline{300} \\
 531 \\
 \underline{480} \\
 510 \\
 \underline{480} \\
 30 \text{ R.}
 \end{array}$$

15.1.1964

95)d  $76980 : 60 = 1283 \checkmark$   

$$\begin{array}{r} 76980 \\ \underline{60} \\ 169 \end{array}$$

$$\begin{array}{r} 169 \\ \underline{120} \\ 498 \\ \underline{480} \\ 180 \\ \underline{180} \\ 0 \end{array}$$

$$\begin{array}{r} 58021 : 60 = 967 \text{ R. } 1 \checkmark \\ \underline{540} \\ 402 \\ \underline{360} \\ 421 \\ \underline{420} \\ 1 \text{ R.} \end{array}$$

e)  $449760 : 60 = 7496 \checkmark$   

$$\begin{array}{r} 449760 \\ \underline{420} \\ 297 \end{array}$$

$$\begin{array}{r} 297 \\ \underline{240} \\ 576 \\ \underline{540} \\ 360 \\ \underline{360} \\ 0 \end{array}$$

$$\begin{array}{r} 1880025 : 60 = 14667 \text{ R. } 5 \checkmark \\ \underline{60} \\ 280 \\ \underline{240} \\ 400 \\ \underline{360} \\ 402 \\ \underline{360} \\ 425 \\ \underline{420} \\ 5 \text{ R.} \end{array}$$

96.a)  $8750 : 70 = 125 \checkmark$   

$$\begin{array}{r} 8750 \\ \underline{70} \\ 175 \\ \underline{140} \\ 350 \\ \underline{350} \\ 0 \end{array}$$

$$\begin{array}{r} 56492 : 70 = 807 \text{ R. } 2 \checkmark \\ \underline{560} \\ 49 \\ \underline{0} \\ 492 \\ \underline{490} \\ 2 \text{ R.} \end{array}$$

96.d)  $37436 : 70 = 534 \text{ R. } 56 \checkmark$   

$$\begin{array}{r} 37436 \\ \underline{350} \\ 243 \\ \underline{210} \\ 336 \\ \underline{280} \\ 56 \text{ R.} \end{array}$$

$$\begin{array}{r} 94920 : 70 = 1356 \checkmark \\ \underline{70} \\ 249 \\ \underline{210} \\ 392 \\ \underline{350} \\ 420 \\ \underline{420} \\ 0 \end{array}$$

e)  $750230 : 70 = 10717 \text{ R. } 40 \checkmark$   

$$\begin{array}{r} 750230 \\ \underline{70} \\ 50 \end{array}$$

$$\begin{array}{r} 502 \\ \underline{490} \\ 123 \\ \underline{70} \\ 530 \\ \underline{490} \\ 40 \text{ R.} \end{array}$$

$$\begin{array}{r} 352800 : 70 = 5040 \checkmark \\ \underline{350} \\ 28 \\ \underline{0} \\ 280 \\ \underline{280} \\ 00 \\ \underline{0} \\ 0 \end{array}$$

97.a)  $9004 : 80 = 112 \text{ R. } 44 \checkmark$   

$$\begin{array}{r} 9004 \\ \underline{80} \\ 100 \\ \underline{80} \\ 204 \\ \underline{160} \\ 44 \text{ R.} \end{array}$$

$$\begin{array}{r} \text{Probe: } 112 \cdot 80 \\ \underline{8960} \\ + \quad 44 \\ \hline 9004 \end{array}$$

e)  $87840 : 80 = 1098 \checkmark$   

$$\begin{array}{r} 87840 \\ \underline{80} \\ 78 \\ \underline{0} \\ 784 \\ \underline{720} \\ 640 \\ \underline{640} \\ 0 \end{array}$$

$$\begin{array}{r} \text{Probe: } 1098 \cdot 80 \\ \underline{87840} \end{array}$$

97.)c  $53280 : 80 = 666 \downarrow$   

$$\begin{array}{r} 53280 \\ \underline{480} \\ 528 \\ \underline{480} \\ 480 \\ \underline{480} \\ 480 \end{array}$$
Probe:  $666 \cdot 80$   

$$\begin{array}{r} 666 \cdot 80 \\ \hline 53280 \end{array}$$

d  $89839 : 80 = 1122 \text{ R. } 79 \checkmark$   

$$\begin{array}{r} 89839 \\ \underline{80} \\ 98 \\ \underline{80} \\ 183 \\ \underline{160} \\ 239 \\ \underline{160} \\ 79 \text{ R.} \end{array}$$
Probe:  $1122 \cdot 80$   

$$\begin{array}{r} 1122 \cdot 80 \\ \hline 89760 \\ + \quad \quad 79 \\ \hline 89839 \end{array}$$

e  $944470 : 80 = 11805 \text{ R. } 70 \downarrow$   

$$\begin{array}{r} 944470 \\ \underline{80} \\ 144 \\ \underline{80} \\ 644 \\ \underline{640} \\ 47 \\ \underline{0} \\ 470 \\ \underline{400} \\ 70 \text{ R.} \end{array}$$
Probe:  $11805 \cdot 80$   

$$\begin{array}{r} 11805 \cdot 80 \\ \hline 944400 \\ + \quad \quad 70 \\ \hline 944470 \end{array}$$

f  $302160 : 80 = 3777 \downarrow$   

$$\begin{array}{r} 302160 \\ \underline{240} \\ 621 \\ \underline{560} \\ 616 \\ \underline{560} \\ 560 \\ \underline{560} \\ 560 \end{array}$$
Probe:  $3777 \cdot 80$   

$$\begin{array}{r} 3777 \cdot 80 \\ \hline 302160 \end{array}$$

101.)a  $9804 : 12 = 817 \downarrow$  18.1.1965  

$$\begin{array}{r} 9804 \\ \underline{96} \\ 20 \\ \underline{12} \\ 84 \\ \underline{84} \end{array}$$
b  $5796 : 12 = 483 \downarrow$   

$$\begin{array}{r} 5796 \\ \underline{48} \\ 99 \\ \underline{96} \\ 36 \\ \underline{36} \end{array}$$

c  $19821 : 12 = 1651 \text{ R. } 9 \downarrow$   

$$\begin{array}{r} 19821 \\ \underline{12} \\ 78 \\ \underline{72} \\ 62 \\ \underline{60} \\ 21 \\ \underline{12} \\ 9 \text{ R.} \end{array}$$
d  $26478 : 12 = 2206 \text{ R. } 6 \downarrow$   

$$\begin{array}{r} 26478 \\ \underline{24} \\ 24 \\ \underline{24} \\ 07 \\ \underline{0} \\ 78 \\ \underline{72} \\ 6 \text{ R.} \end{array}$$

e  $493740 : 12 = 41145 \downarrow$   

$$\begin{array}{r} 493740 \\ \underline{48} \\ 13 \\ \underline{12} \\ 17 \\ \underline{12} \\ 54 \\ \underline{48} \\ 60 \\ \underline{60} \end{array}$$
f  $792048 : 12 = 66004 \downarrow$   

$$\begin{array}{r} 792048 \\ \underline{72} \\ 72 \\ \underline{72} \\ 00 \\ \underline{0} \\ 00 \\ \underline{0} \\ 04 \\ \underline{0} \\ 48 \\ \underline{48} \end{array}$$

102)a)

6517 : 13 = 501 R.4 ↓

65

01 b) 8888 : 13 = 683 R.9 ↓

0

17

13

4 R.

78

108

104

48

39

9 R.

c) 28678 : 13 = 2206 ↓

26

26

07

0

78

78

d) 79014 : 13 = 6078 ↓

78

10

0

78

78

101

91

104

104

x e) 548568 : 13 = 42197 R.7 ungül = tig!

52

28

26

25

13

126

117

98

91

7 R.

f) 917860 : 13 = 70604 R.8 ↓

91

07

0

78

78

07

0

78

78

x g) 548658 : 13 =

52

28

26

26

26

06

0

60

52

8 R.

52

28

26

26

26

05

0

58

52

6 R.

103)a)

7238 : 14 = 517 ↓

70

23

14

98

98

b) 9028 : 14 = 644 R.12 ↓

84

62

56

68

56

12 R.

c) 54376 : 14 = 3884 ↓

42

123

112

117

112

56

56

d) 92239 : 14 = 6588 R.7 ↓

84

82

70

123

112

119

112

7 R.

e) 277086 : 14 = 19791 R.12 ↓

14

137

126

110

98

128

126

26

14

12 R.

f) 634149 : 14 = 45296 R.5 ↓

56

74

70

41

28

26

134

126

89

84

5 R.

19.1.1965

107) 6480 : 36 = 180

36  
288  
288  
00  
0

Probe:

180 · 36  
540  
1080  
6480 ✓

10) 243509 : 36 = 6764 R.5

216  
275  
252  
230  
216  
149  
144  
5 R.

Probe:

6764 · 36  
20292  
40584  
+ 5  
243509 ✓

1) 28057 : 28 = 1002 R.1

28  
00  
0  
05  
0  
57  
56  
1 R.

Probe:

1002 · 28  
2004  
8016  
+ 1  
28057 ✓

1) 500948 : 28 = 17891

28  
220  
196  
249  
224  
254  
252  
28  
28

Probe:

17891 · 28  
35782  
143128  
500948 ✓

107) 53533 : 47 = 1139

47  
65  
47  
183  
141  
423  
423

Probe:

1139 · 47  
4556  
7973  
53533 ✓

1) 486577 : 47 = 10352 R.33

47  
16  
0  
165  
141  
247  
235  
127  
94  
33 R.

Probe:

10352 · 47  
41408  
72464  
+ 33  
486577 ✓

109) 1)

8413 : 39 = 215 R.28

78  
61  
39  
223  
195  
28 R.

Probe:

215 · 39  
645  
1935  
+ 28  
8413 ✓

20.1.1965

1) 74591 : 39 = 1912 R.23

39  
355  
351  
49  
39  
101  
78  
23 R.

Probe:

1912 · 39  
5736  
17208  
+ 23  
74591 ✓

109.)c  $9700 : 18 = 538 \text{ R. } 16 \downarrow$   
90  
 70  
 54  
 160  
 144  
 16 R.

Probe:  
 $538 \cdot 18$   
 538  
 4304  
 + 16  
9700

d)  $598500 : 18 = 33250 \downarrow$   
54  
 58  
 54  
 45  
 36  
 90  
 90  
 00  
 0

Probe:  
 $33250 \cdot 18$   
 33250  
 266000  
598500

e)  $93705 : 49 = 1912 \text{ R. } 17 \downarrow$   
49  
 447  
 441  
 60  
 49  
 115  
 98  
 17 R.

Probe:  
 $1912 \cdot 49$   
 7648  
 17208  
 + 17  
93705

f)  $1651420 : 49 = 12886 \text{ R. } 6$   
 $\times 49$   
141  
 98  
 434  
 392  
 422  
 392  
 300  
 294  
 6 R.

Probe:  
 $12886 \cdot 49$   
 51544  
 115974  
 + 12886  
631420  
 ungültig!

109.)d  $651420 : 49 = 13294 \text{ R. } 14 \downarrow$   
 $\times 49$   
 161  
 147  
 144  
 98  
 462  
 441  
 210  
 196  
 14 R.

Probe:  
 $13294 \cdot 49$   
 53176  
 119646  
 + 14  
651420

111.)a  $9135 : 53 = 172 \text{ R. } 19 \downarrow$   
53  
 383  
 371  
 125  
 106  
 19 R.

Probe:  
 $172 \cdot 53$   
 860  
 516  
 + 19  
9135

b)  $87980 : 53 = 1660 \downarrow$   
53  
 349  
 318  
 318  
 00  
 0

Probe:  
 $1660 \cdot 53$   
 8300  
 4980  
87980

c)  $44813 : 63 = 711 \text{ R. } 20 \downarrow$   
441  
 71  
 63  
 83  
 63  
 20 R.

Probe:  
 $711 \cdot 63$   
 4266  
 2133  
 + 20  
44813

21.1.1965

111.) d)  $850\ 626 : 63 = 13\ 66\ R.46$

63  
220  
189  
416  
378  
382  
378  
46 R.

Probe:  
1366 · 63  
8196  
3798  
+ 46  
85804  
ungültig!

d)  $850\ 626 : 63 = 13\ 502 \checkmark$

63  
220  
189  
316  
315  
12  
0  
126  
126

Probe:  
13502 · 63  
81012  
40506  
850626

e)  $45\ 260 : 73 = 620 \checkmark$

438  
146  
146  
00  
0

Probe:  
620 · 73  
4340  
1860  
45260

f)  $924\ 019 : 73 = 12\ 657\ R.58 \checkmark$

73  
194  
146  
480  
438  
421  
365  
569  
511  
58 R.

Probe:  
12657 · 73  
88599  
37971  
+ 58  
924019

113.) a)  $47\ 937 : 19 = 2\ 523 \checkmark$

38  
99  
95  
43  
38  
57  
57

Probe:  
2523 · 19  
2523  
22707  
47937

22.1.1965

b)  $567\ 948 : 19 = 29\ 892 \checkmark$

38  
184  
171  
169  
152  
174  
171  
38  
38

Probe:  
29892 · 19  
29892  
269028  
567948

c)  $69\ 749 : 25 = 2\ 789\ R.24 \checkmark$

50  
197  
175  
224  
200  
249  
225  
24 R.

Probe:  
2789 · 25  
5578  
13945  
+ 24  
69749

d)  $875\ 025 : 25 = 3\ 5001 \checkmark$

75  
125  
125  
00  
00  
02  
00  
25  
25

Probe:  
35001 · 25  
70002  
175005  
875025

$$\underline{113)e) \quad 37261 : 61 = 610 \text{ R. } 51 \checkmark$$

366	
66	
61	
51	
0	
51 R.	

<u>Probe:</u>	
610	61
3660	610
+ 610	51
37261	

$$\underline{112) \quad 209513 : 61 = 3434 \text{ R. } 39 \checkmark$$

183	
265	
244	
211	
183	
283	
244	
39 R.	

<u>Probe:</u>	
3434	61
20604	3434
+ 3434	39
209513	

$$233 \text{ DM} - 25 \text{ DM} = 208 \text{ DM}$$

$$208 \text{ DM} : 52 = 4 \text{ DM}$$

Antwort: Auf die Bank kommen  
in jeder Woche 4 DM.

$$\underline{116)a) \quad 45209 : 28 = 1615$$

28	
172	
140	

ungültig!

$$\underline{116a) \quad 45209 : 28 = 1614 \text{ R. } 17 \checkmark$$

28	
172	
168	
40	
28	
129	
112	
17 R.	

<u>Probe:</u>	
1614	28
3228	12912
+ 112	17
45209	

$$\underline{117) \quad 746796 : 28 = 26671 \text{ R. } 8 \checkmark$$

56	
186	
168	
187	
168	
199	
196	
36	
28	
8 R.	

<u>Probe:</u>	
26671	28
53342	213368
+ 8	8
746796	

25.1.1965 Jede Woche lege ich meinem Lohn  
einem gleichgroßen Betrag auf die  
Sparkasse und dazu noch an  
seinem Geburtstag das Geschenk  
der Tante mit 25 DM. Am Schluß  
des Jahres sind auf der Sparkasse  
233 DM. Wie groß ist der Betrag  
den ich jede Woche einbezahlt  
habe?



$$116.) \underline{29\ 690} : 39 = 761 \text{ R. } 11 \downarrow$$

$$\begin{array}{r} 273 \\ \underline{239} \\ 234 \\ \underline{\phantom{234}50} \\ 39 \\ \underline{\phantom{234}39} \\ 11 \text{ R.} \end{array}$$

$$\begin{array}{r} \text{Probe:} \\ \underline{761 \cdot 39} \\ 2283 \\ 6849 \\ + 111 \\ \hline 29690 \end{array}$$

$$d) \underline{800\ 000} : 39 = 20512 \text{ R. } 32 \downarrow$$

$$\begin{array}{r} +8 \\ \underline{20} \\ 0 \\ \underline{200} \\ 195 \\ \underline{\phantom{195}50} \\ 39 \\ \underline{\phantom{195}39} \\ 110 \\ \underline{\phantom{195}78} \\ 32 \text{ R.} \end{array}$$

$$\begin{array}{r} \text{Probe:} \\ \underline{20512 \cdot 39} \\ 61536 \\ 184608 \\ + 11132 \\ \hline 800000 \end{array}$$

$$e) \underline{43\ 104} : 16 = 2694 \downarrow$$

$$\begin{array}{r} 32 \\ \underline{111} \\ 96 \\ \underline{150} \\ 144 \\ \underline{\phantom{144}64} \\ 64 \end{array}$$

$$\begin{array}{r} \text{Probe:} \\ \underline{2694 \cdot 16} \\ 2694 \\ 16164 \\ \hline 43104 \end{array}$$

$$f) \underline{389\ 952} : 16 = 24372 \downarrow$$

$$\begin{array}{r} 32 \\ \underline{69} \\ 64 \\ \underline{\phantom{64}59} \\ 48 \\ \underline{\phantom{64}48} \\ 115 \\ \underline{\phantom{64}112} \\ 32 \\ \underline{\phantom{64}32} \end{array}$$

$$\begin{array}{r} \text{Probe:} \\ \underline{24372 \cdot 16} \\ 24372 \\ 146232 \\ \hline 389952 \end{array}$$

In einem älterem Haus ist das 26.1.1965

Erdgeschoss um 720 DM, der erste Stock um 950 DM, der zweite Stock <sup>um</sup> 920 DM und der dritte Stock um 900 DM vermietet. Der Hausbesitzer hat im Jahr 526 DM Auslagen. Wie groß ist seine jährliche Reineinnahme, und was nimmt er monatlich ein?

720 DM	2964 : 12 = 247
950 DM	<u>24</u>
920 DM	56
+ 900 DM	<u>48</u>
3490 DM	84
- 526 DM	<u>84</u>
<u>2964 DM</u>	

Antwort: Der Hausbesitzer nimmt <sup>(und</sup> im Jahr 2964 DM im Monat 247 DM ein.

123) a) 41 619,450 kg : 30 = 138 7,315 kg

$\begin{array}{r} 1 \overline{) 30} \\ 116 \\ \underline{90} \\ 261 \\ \underline{240} \\ 219 \\ \underline{210} \\ 94 \\ \underline{90} \\ 45 \\ \underline{30} \\ 150 \\ \underline{150} \end{array}$	<p><u>Probe: 138 7,315 kg · 30</u></p> <p>41 619,450 kg</p>
---	---

a) 41 619,450 kg : 25 = 1664,778 kg

$\begin{array}{r} 2 \overline{) 25} \\ 166 \\ \underline{150} \\ 161 \\ \underline{150} \\ 119 \\ \underline{100} \\ 194 \\ \underline{175} \\ 195 \\ \underline{175} \\ 200 \\ \underline{200} \end{array}$	<p><u>Probe: 1664,778 kg · 25</u></p> <p>33 295 56 kg</p> <p><u>166 477 800</u></p> <p>41 619,450 kg</p>
--	--

123) b) 2 738,125 kg : 60 = 45,635 kg R. 25

$\begin{array}{r} 1 \overline{) 240} \\ 338 \\ \underline{300} \\ 381 \\ \underline{360} \\ 212 \\ \underline{180} \\ 325 \\ \underline{300} \\ 25 R. \end{array}$	<p><u>Probe: 45,635 kg · 60</u></p> <p>2 738,100</p> <p>+ 25</p> <hr/> <p>2 738,125</p>
--	---

b) 2 738,125 kg : 42 = 65,193 kg R. 19

$\begin{array}{r} 1 \overline{) 218} \\ 210 \\ 81 \\ \underline{42} \\ 392 \\ \underline{378} \\ 145 \\ \underline{126} \\ 19 R. \end{array}$	<p><u>Probe: 65,193 kg · 42</u></p> <p>26 077 2</p> <p>13 038 6</p> <p>+ 19</p> <hr/> <p>2 738,125</p>
---	--

c) 6 890,080 kg : 80 = 86,126 kg

$\begin{array}{r} 1 \overline{) 640} \\ 490 \\ \underline{480} \\ 100 \\ \underline{80} \\ 208 \\ \underline{160} \\ 480 \\ \underline{480} \end{array}$	<p><u>Probe: 86,126 kg · 80</u></p> <p>6 890,080 kg</p>
--	---

123) c)  $6890,080 \text{ kg} : 36 = 191,391 \text{ kg}$  R.4

$$\begin{array}{r}
 2 \overline{) 36} \\
 \underline{32} \phantom{9} \\
 329 \\
 \underline{324} \\
 50 \\
 \underline{36} \\
 140 \\
 \underline{108} \\
 328 \\
 \underline{324} \\
 40 \\
 \underline{36} \\
 4 \text{ R.}
 \end{array}$$

Probe:  $191,391 \text{ kg} \cdot 36$

$$\begin{array}{r}
 574173 \\
 1148346 \\
 + \phantom{1148346} \\
 \hline
 6890080 \text{ kg}
 \end{array}$$

124) a)  $7082,035 \text{ kg} : 50 = 141,640 \text{ kg}$  R.35

$$\begin{array}{r}
 1 \overline{) 50} \\
 \underline{20} \phantom{8} \\
 208 \\
 \underline{200} \\
 82 \\
 \underline{50} \\
 320 \\
 \underline{300} \\
 203 \\
 \underline{200} \\
 35 \\
 \underline{0} \\
 35 \text{ R.}
 \end{array}$$

Probe:  $141,640 \text{ kg} \cdot 50$

$$\begin{array}{r}
 7082000 \\
 + \phantom{7082000} \\
 \hline
 7082035 \text{ kg}
 \end{array}$$

27.1.1965

Ein junger Angestellter bezieht ein Jahresgehalt von 8376 DM. An Steuern werden jährlich 684 DM abgezogen. Wie hoch ist sein monatliches Gehalt?

$$\begin{array}{r}
 8376 \text{ DM} \\
 - 684 \text{ DM} \\
 \hline
 7692 \text{ DM}
 \end{array}$$

$$\begin{array}{r}
 7692 \text{ DM} : 12 = 641 \text{ DM} \\
 \underline{72} \\
 49 \\
 \underline{48} \\
 12 \\
 \underline{12}
 \end{array}$$

Antwort: Das monatliche Gehalt beträgt 641 DM

a)  $7082,035 \text{ kg} : 68 = 104,150 \text{ kg}$  R.35

$$\begin{array}{r}
 2 \overline{) 68} \\
 \underline{28} \\
 0 \\
 282 \\
 \underline{272} \\
 100 \\
 \underline{68} \\
 343 \\
 \underline{340} \\
 35 \\
 \underline{0} \\
 35 \text{ R.}
 \end{array}$$

Probe:  $104,150 \text{ kg} \cdot 68$

$$\begin{array}{r}
 624900 \\
 833200 \\
 + \phantom{624900} \\
 \hline
 7082235 \text{ kg}
 \end{array}$$

ungültig!

a)  $7082,035 \text{ kg} : 68 = 104,147 \text{ kg}$  R.39

$$\begin{array}{r}
 2 \overline{) 68} \\
 \underline{28} \\
 0 \\
 282 \\
 \underline{272} \\
 100 \\
 \underline{68} \\
 323 \\
 \underline{272} \\
 515 \\
 \underline{476} \\
 39 \text{ R.}
 \end{array}$$

Probe:  $104,147 \text{ kg} \cdot 68$

$$\begin{array}{r}
 624882 \\
 833176 \\
 + \phantom{624882} \\
 \hline
 7082035 \text{ kg}
 \end{array}$$

$$\underline{124) 945,650 \text{ kg} : 40 = 23,641 \text{ kg R. 10}}$$

$$\begin{array}{r} 1180 \\ \underline{145} \\ 120 \\ \underline{256} \\ 240 \\ \underline{165} \\ 160 \\ \underline{50} \\ 40 \\ 10 \text{ R.} \end{array}$$

Probe:

$$\begin{array}{r} 23,641 \text{ kg} \cdot 40 \\ 945640 \\ + \quad 10 \\ \hline 945,650 \text{ kg} \end{array}$$

$$\underline{b) 945,650 \text{ kg} : 75 = 12,608 \text{ kg R. 50}}$$

$$\begin{array}{r} 2) 75 \\ \underline{195} \\ 150 \\ \underline{456} \\ 450 \\ \underline{65} \\ 0 \\ \underline{650} \\ 600 \\ 50 \text{ R.} \end{array}$$

Probe:

$$\begin{array}{r} 12,608 \text{ kg} \cdot 75 \\ 88.256 \\ 63040 \\ + \quad 50 \\ \hline 945650 \text{ kg} \end{array}$$

$$\underline{c) 12042,225 \text{ kg} : 90 = 133,802 \text{ kg R. 45}}$$

$$\begin{array}{r} 1) 90 \\ \underline{304} \\ 270 \\ \underline{342} \\ 270 \\ \underline{422} \\ 720 \\ \underline{22} \\ 0 \\ 225 \\ \underline{180} \\ 45 \text{ R.} \end{array}$$

Probe:

$$\begin{array}{r} 133,802 \text{ kg} \cdot 90 \\ 12042180 \\ + \quad 45 \\ \hline 12042225 \text{ kg} \end{array}$$

$$\underline{124) d) 12042,225 \text{ kg} : 88 = 136,843 \text{ kg R. 41}}$$

$$\begin{array}{r} 2) 88 \\ \underline{324} \\ 264 \\ \underline{602} \\ 528 \\ \underline{742} \\ 704 \\ \underline{382} \\ 352 \\ \underline{305} \\ 264 \\ 41 \text{ R.} \end{array}$$

Probe:

$$\begin{array}{r} 136,843 \text{ kg} \cdot 88 \\ 1094744 \\ 1094744 \\ + \quad 41 \\ \hline 12042,225 \text{ kg} \end{array}$$

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