

GLOCK

Astrid Pflüger

Klasse: 4a

Rechenheft

1

Nr. 10

80 g holzfrei

Rechnen in der vierten Klasse 1964

Adolf-Reichwein-Schule Friedberg

Lehrerin: Frau **Mechthild Schäfer**

3)a) $2000 + 7000 = 9000 \checkmark$

$8000 + 2000 = 10000 \checkmark$

$4000 + 5000 = 9000 \checkmark$

$6000 + 3000 = 9000 \checkmark$

b) $8000 - 3000 = 5000 \checkmark$

$10000 - 4000 = 6000 \checkmark$

$6000 - 2000 = 4000 \checkmark$

$10000 - 6000 = 4000 \checkmark$

c) $3000 + 7000 = 10000 \checkmark$

$5000 + 5000 = 10000 \checkmark$

$6000 + 4000 = 10000 \checkmark$

$1000 + 9000 = 10000 \checkmark$

d) $10000 = 2000 + 8000 \checkmark$

$10000 = 4000 + 6000 \checkmark$

$10000 = 7000 + 3000 \checkmark$

$10000 = 5000 + 5000 \checkmark$

7

18.) 6700 ✓ 19.) 3300 ✓ 20.) 6120 ✓

6800 ✓	3200 ✓	6110 ✓
6900 ✓	3100 ✓	6100 ✓
7000 ✓	3000 ✓	6090 ✓
7100 ✓	2900 ✓	6080 ✓
7200 ✓	2800 ✓	6070 ✓
7300 ✓	2700 ✓	6060 ✓
7400 ✓	2600 ✓	6050 ✓
7500 ✓	2500 ✓	6040 ✓
7600 ✓	2400 ✓	6030 ✓
7700 ✓	2300 ✓	6020 ✓
7800 ✓	2200 ✓	6010 ✓
7900 ✓	2100 ✓	6000 ✓
8000 ✓	2000 ✓	5990 ✓
8100 ✓	1900 ✓	5980 ✓
	1800 ✓	5970 ✓

20.) 18040 ✓ 21.) 1985 ✓ 21.) 5011 ✓

8030 ✓	1986 ✓	5010 ✓
8020 ✓	1987 ✓	5009 ✓
8010 ✓	1988 ✓	5008 ✓
8000 ✓	1989 ✓	5007 ✓
7990 ✓	1990 ✓	5006 ✓
7980 ✓	1991 ✓	5005 ✓
7970 ✓	1992 ✓	5004 ✓
7960 ✓	1993 ✓	5003 ✓
7950 ✓	1994 ✓	5002 ✓
7940 ✓	1995 ✓	5001 ✓
7930 ✓	1996 ✓	5000 ✓
7920 ✓	1997 ✓	4999 ✓
7910 ✓	1998 ✓	4998 ✓
7900 ✓	1999 ✓	4997 ✓
7890 ✓	2000 ✓	4996 ✓

2001 ✓ 4995 ✓

2002 ✓ 4994 ✓

2005 ✓

2003 ✓ 4993 ✓

4991 ✓

2004 ✓ 4992 ✓

↑

↑

↑

↑

22)c 999 1000 1001 ✓
8999 9000 9001 ✓
4099 4100 4101 ✓
7089 7090 7091 ✓
3299 3300 3301 ✓
8009 8010 8011 ✓
9999 10000 10001 ✓
3998 3999 ~~3000~~ ✓
9899 9900 9901 ✓
7699 7700 7701 ✓
5508 5509 5510 ✓
8899 8900 8901 ✓
4999 5000 5001 ✓
6498 6499 6500 ✓

24) $4600 + 400 = 5000$ ✓

$2100 + 900 = 3000$ ✓

$6500 + 500 = 7000$ ✓

$9400 + 600 = 10000$ ✓

$8300 + 700 = 9000$ ✓

$7200 + 800 = 8000$ ✓

25) $10000 = 2 \cdot 5000$ ✓

$6000 = 3 \cdot 2000$ ✓

$9000 = 3 \cdot 3000$ ✓

$5 \cdot 2000 - 1000 = 9000$ ✓

$4 \cdot 2000 + 1000 = 9000$ ✓

$2 \cdot 3000 + 2000 = 8000$ ✓

$7 \cdot 1000 - 2000 = 5000$ ✓

$3 \cdot 2000 + 4000 = 10000$ ✓

$1 \cdot 5000 + 3000 = 8000$ ✓

$2 \cdot 4000 + 7000 = 15000$ ✓

$3 \cdot 3000 + 5000 = 14000$ ✓

$2 \cdot 3000 + 1000 = 7000$ ✓

25) $2 \cdot 4000 + 700 = 8700$

$3 \cdot 3000 + 500 = 9500$

$2 \cdot 3000 + 100 = 6100$

Längenmaße

1 Kilometer = 1000 Meter

1 km = 1000 m

27)a) 3 km = 3000 m ↓

8 km = 8000 m ↓

7 km = 7000 m ↓

9 km = 9000 m ↓

4 km = 4000 m ↓

10 km = 10000 m ↓

2 km = 2000 m ↓

1 km = 1000 m ↓

27)b) 4 km 287 m = 4287 m ↓

3 km 295 m = 3295 m ↓

8 km 582 m = 8582 m ↓

6 km 734 m = 6734 m ↓

5 km 6 m = 5006 m ↓

28)a) 4275 m = 4 km 275 m ↓

3700 m = 3 km 700 m ↓

6340 m = 6 km 340 m ↓

9832 m = 9 km 832 m ↓

2670 m = 2 km 670 m ↓

4095 m = 4 km 95 m ↓

1780 m = 1 km 780 m ↓

29)a) 8 km - 300 m = 7 km 700 m ↓

8 km - 500 m = 7 km 500 m ↓

8 km - 800 m = 7 km 200 m ↓

8 km - 900 m = 7 km 100 m ↓

8 km - 100 m = 7 km 900 m ↓

8 km - 400 m = 7 km 600 m ↓

29)b) 10 km - 30 m = 9 km 970 m ↓

10 km - 80 m = 9 km 920 m ↓

10 km - 20 m = 9 km 980 m ↓

10 km - 90 m = 9 km 910 m ↓

10 km - 50 m = 9 km 950 m ↓

10 km - 70 m = 9 km 930 m ↓

$$29)c) 2 \text{ km} - 7 \text{ m} = 1 \text{ km} 993 \text{ m} \downarrow$$

$$2 \text{ km} - 4 \text{ m} = 1 \text{ km} 996 \text{ m} \downarrow$$

$$2 \text{ km} - 3 \text{ m} = 1 \text{ km} 997 \text{ m} \downarrow$$

$$2 \text{ km} - 5 \text{ m} = 1 \text{ km} 995 \text{ m} \downarrow$$

$$2 \text{ km} - 9 \text{ m} = 1 \text{ km} 991 \text{ m} \downarrow$$

$$2 \text{ km} - 6 \text{ m} = 1 \text{ km} 994 \text{ m} \downarrow$$

$$1 \text{ Meter} = 10 \text{ Dezimeter} = 100 \text{ Zentimeter} =$$

$$1000 \text{ Millimeter}$$

$$1 \text{ m} = 10 \text{ dm} = 100 \text{ cm} = 1000 \text{ mm}$$

$$33)b) 3 \text{ m} 123 \text{ mm} = 3123$$

$$7 \text{ m} 65 \text{ mm} = 7065$$

$$5 \text{ m} 9 \text{ mm} = 5009$$

$$9 \text{ m} 1 \text{ mm} = 9001$$

$$6 \text{ m} 435 \text{ mm} = 6435$$

$$34)a) 4 \text{ m} - 300 = 3 \text{ m} 700 \text{ mm}$$

$$4 \text{ m} - 400 = 3 \text{ m} 600 \text{ mm}$$

$$4 \text{ m} - 500 = 3 \text{ m} 500 \text{ mm}$$

$$4 \text{ m} - 800 = 3 \text{ m} 200 \text{ mm}$$

$$4 \text{ m} - 200 = 3 \text{ m} 800 \text{ mm}$$

$$4 \text{ m} - 900 = 3 \text{ m} 100 \text{ mm}$$

$$34)b) 1 \text{ m} - 80 \text{ mm} = 920 \text{ mm}$$

$$1 \text{ m} - 70 \text{ mm} = 930 \text{ mm}$$

$$1 \text{ m} - 90 \text{ mm} = 910 \text{ mm}$$

$$1 \text{ m} - 20 \text{ mm} = 980 \text{ mm}$$

$$1 \text{ m} - 70 \text{ mm} = 930 \text{ mm}$$

$$1 \text{ m} - 10 \text{ mm} = 990 \text{ mm}$$

13.4.1964

13.4.1964

33.) a) $3\text{m} - 123\text{mm} = 3\text{m}877\text{mm} \downarrow$

$7\text{m} - 65\text{mm} = 7\text{m}935\text{mm} \downarrow$

$5\text{m} - 9\text{mm} = 5\text{m}991\text{mm} \downarrow$

$9\text{m} - 1\text{mm} = 9\text{m}999\text{mm} \downarrow$

$6\text{m} - 435\text{mm} = 6\text{m}565\text{mm} \downarrow$

34.) a) $4\text{m} - 300\text{mm} = 3\text{m}700\text{mm} \downarrow$

$4\text{m} - 400\text{mm} = 3\text{m}600\text{mm} \downarrow$

$4\text{m} - 500\text{mm} = 3\text{m}500\text{mm} \downarrow$

$4\text{m} - 800\text{mm} = 3\text{m}200\text{mm} \downarrow$

$4\text{m} - 200\text{mm} = 3\text{m}800\text{mm} \downarrow$

$4\text{m} - 900\text{mm} = 3\text{m}100\text{mm} \downarrow$

34.) b) $1\text{m} - 80\text{mm} = 920\text{mm} \downarrow$

$1\text{m} - 70\text{mm} = 930\text{mm} \downarrow$

$1\text{m} - 90\text{mm} = 910\text{mm} \downarrow$

$1\text{m} - 20\text{mm} = 980\text{mm} \downarrow$

$1\text{m} - 70\text{mm} = 930\text{mm} \downarrow$

$1\text{m} - 10\text{mm} = 990\text{mm} \downarrow$

34.) c) $5\text{m} - 3\text{mm} = 4\text{m}997\text{mm} \downarrow$

$5\text{m} - 5\text{mm} = 4\text{m}995\text{mm} \downarrow$

$5\text{m} - 8\text{mm} = 4\text{m}992\text{mm} \downarrow$

$5\text{m} - 4\text{mm} = 4\text{m}996\text{mm} \downarrow$

$5\text{m} - 2\text{mm} = 4\text{m}998\text{mm} \downarrow$

$5\text{m} - 6\text{mm} = 4\text{m}994\text{mm} \downarrow$

34.) d) $8\text{m} - 350\text{mm} = 7\text{m}650\text{mm} \downarrow$

$8\text{m} - 740\text{mm} = 7\text{m}260\text{mm} \downarrow$

$8\text{m} - 870\text{mm} = 7\text{m}130\text{mm} \downarrow$

$8\text{m} - 95\text{mm} = 7\text{m}905\text{mm} \downarrow$

$8\text{m} - 73\text{mm} = 7\text{m}927\text{mm} \downarrow$

$8\text{m} - 28\text{mm} = 7\text{m}972\text{mm} \downarrow$

Gerichtsmaße

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

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

14.4.1964

37.)a) $6 \text{ kg} - 500 \text{ g} = 5 \text{ kg } 500 \text{ g} \downarrow$

$6 \text{ kg} - 200 \text{ g} = 5 \text{ kg } 800 \text{ g} \downarrow$

$6 \text{ kg} - 800 \text{ g} = 5 \text{ kg } 200 \text{ g} \downarrow$

$6 \text{ kg} - 300 \text{ g} = 5 \text{ kg } 700 \text{ g} \downarrow$

$6 \text{ kg} - 700 \text{ g} = 5 \text{ kg } 300 \text{ g} \downarrow$

$6 \text{ kg} - 400 \text{ g} = 5 \text{ kg } 600 \text{ g} \downarrow$

$6 \text{ kg} - 900 \text{ g} = 5 \text{ kg } 100 \text{ g} \downarrow$

37.)b) $2 \text{ kg} - 60 \text{ g} = 1 \text{ kg } 940 \text{ g} \downarrow$

$2 \text{ kg} - 40 \text{ g} = 1 \text{ kg } 960 \text{ g} \downarrow$

$2 \text{ kg} - 20 \text{ g} = 1 \text{ kg } 980 \text{ g} \downarrow$

$2 \text{ kg} - 70 \text{ g} = 1 \text{ kg } 930 \text{ g} \downarrow$

$2 \text{ kg} - 50 \text{ g} = 1 \text{ kg } 950 \text{ g} \downarrow$

$2 \text{ kg} - 90 \text{ g} = 1 \text{ kg } 910 \text{ g} \downarrow$

$2 \text{ kg} - 30 \text{ g} = 1 \text{ kg } 970 \text{ g} \downarrow$

37.)c) $3 \text{ kg} - 7 \text{ g} = 2 \text{ kg } 993 \text{ g} \downarrow$

$3 \text{ kg} - 9 \text{ g} = 2 \text{ kg } 991 \text{ g} \downarrow$

$3 \text{ kg} - 5 \text{ g} = 2 \text{ kg } 995 \text{ g} \downarrow$

$3 \text{ kg} - 2 \text{ g} = 2 \text{ kg } 998 \text{ g} \downarrow$

$3 \text{ kg} - 6 \text{ g} = 2 \text{ kg } 994 \text{ g} \downarrow$

37.)d) $3 \text{ kg} - 4 \text{ g} = 2 \text{ kg } 996 \text{ g} \downarrow$

$3 \text{ kg} - 1 \text{ g} = 2 \text{ kg } 999 \text{ g} \downarrow$

37.)d) $8 \text{ kg} - 350 \text{ g} = 7 \text{ kg } 650 \text{ g} \downarrow$

$8 \text{ kg} - 685 \text{ g} = 7 \text{ kg } 315 \text{ g} \downarrow$

$8 \text{ kg} - 172 \text{ g} = 7 \text{ kg } 828 \text{ g} \downarrow$

$8 \text{ kg} - 333 \text{ g} = 7 \text{ kg } 667 \text{ g} \downarrow$

$8 \text{ kg} - 406 \text{ g} = 7 \text{ kg } 594 \text{ g} \downarrow$

$8 \text{ kg} - 288 \text{ g} = 7 \text{ kg } 712 \text{ g} \downarrow$

$8 \text{ kg} - 945 \text{ g} = 7 \text{ kg } 55 \text{ g} \downarrow$

38) Wieviel Gramm fehlen am vollen Kilogramm bei:

$480 \text{ g} + 520 \text{ g} = 1 \text{ kg} \downarrow$

$772 \text{ g} + 228 \text{ g} = 1 \text{ kg} \downarrow$

$555 \text{ g} + 445 \text{ g} = 1 \text{ kg} \downarrow$

$906 \text{ g} + 94 \text{ g} = 1 \text{ kg} \downarrow$

$360 \text{ g} + 640 \text{ g} = 1 \text{ kg} \downarrow$

$644 \text{ g} + 356 \text{ g} = 1 \text{ kg} \downarrow$

$811 \text{ g} + 189 \text{ g} = 1 \text{ kg} \downarrow$

$225 \text{ g} + 775 \text{ g} = 1 \text{ kg} \downarrow \quad \uparrow$

15.4.1964

8) $5800 + 134 = 5934 \downarrow$

$3200 + 547 = 3747 \downarrow$

$4100 + 865 = 4965 \downarrow$

$6500 + 384 = 6884 \downarrow$

$8400 + 473 = 8873 \downarrow$

$2600 + 352 = 2952 \downarrow$

9) $340 + 500 = 840 \downarrow$

$4340 + 500 = 4840 \downarrow$

$8520 + 340 = 8860 \downarrow$

$3650 - 230 = 3420 \downarrow$

$6980 - 460 = 6520 \downarrow$

$7690 - 370 = 7320 \downarrow$

10) $257 + 500 = 757 \downarrow$

$3257 + 500 = 3757 \downarrow$

$5643 + 300 = 5943 \downarrow$

$8764 - 200 = 8564 \downarrow$

$7697 - 400 = 7297 \downarrow$

$9876 - 600 = 9276 \downarrow$

11) $4300 + 2000 = 6300 \downarrow$

$3700 + 4000 = 7700 \downarrow$

$7800 + 2000 = 9800 \downarrow$

$9500 - 6000 = 3500 \downarrow$

$8900 - 5000 = 3900 \downarrow$

$6400 - 3000 = 3400 \downarrow$

12) $3890 + 5000 = 8890 \downarrow$

$4265 + 4000 = 8265 \downarrow$

$2387 + 6000 = 8387 \downarrow$

$9834 - 7000 = 2834 \downarrow$

$8479 - 3000 = 5479 \downarrow$

$7563 - 2000 = 5563 \downarrow$

16.4.1964 17) 1000 - 70 = 930 ↓

5000 - 70 = 4930 ↓

7000 - 70 = 6930 ↓

4000 - 70 = 3930 ↓

2000 - 70 = 1930 ↓

9000 - 70 = 8930 ↓

17) 1000 - 10 = 990 ↓

5000 - 10 = 4990 ↓

7000 - 10 = 6990 ↓

4000 - 10 = 3990 ↓

2000 - 10 = 1990 ↓

9000 - 10 = 8990 ↓

17) 1000 - 800 = 200 ↓

5000 - 800 = 4200 ↓

7000 - 800 = 6200 ↓

4000 - 800 = 3200 ↓

2000 - 800 = 1200 ↓

9000 - 800 = 8200 ↓

17) 1000 - 300 = 700 ↓

5000 - 300 = 4700 ↓

7000 - 300 = 6700 ↓

4000 - 300 = 3700 ↓

2000 - 300 = 1700 ↓

9000 - 300 = 8700 ↓

18) 3000 - 9 = 2991 ↓

7000 - 1 = 6999 ↓

6000 - 8 = 5992 ↓

4000 - 5 = 3995 ↓

6000 - 3 = 5997 ↓

5000 - 7 = 4993 ↓

17.4.1964 23) Der Tank einer Tankstelle war am Morgen mit 3000 l Kraftstoff gefüllt. Bis zum Abend waren 825 l verkauft. Was kannst du rechnen?

$$3000 \text{ l} - 825 \text{ l} = 2175 \text{ l} \checkmark$$

Antwort:

In dem Tank sind noch 2175 l Benzin. ✓

$$\underline{24)} 6000 - 150 = 5850 \checkmark$$

$$4000 - 530 = 3470 \checkmark$$

$$7000 - 250 = 6750 \checkmark$$

$$10000 - 750 = 9250 \checkmark$$

$$3000 - 480 = 2520 \checkmark$$

$$5000 - 110 = 4890 \checkmark$$

$$\underline{25)} 1000 - 101 = 899 \checkmark$$

$$3000 - 407 = 2593 \checkmark$$

$$6000 - 309 = 5691 \checkmark$$

$$10000 - 205 = 9795 \checkmark$$

$$8000 - 506 = 7494 \checkmark$$

$$5000 - 802 = 4198 \checkmark$$

$$\underline{27)} 4000 - 125 = 3875 \checkmark$$

$$7000 - 375 = 6625 \checkmark$$

$$6000 - 218 = 5782 \checkmark$$

$$9000 - 415 = 8585 \checkmark$$

$$2000 - 627 = 1373 \checkmark$$

$$5000 - 243 = 4757 \checkmark$$

20.4.1964 38) $5996 + 80 = 6076 \downarrow$

$$3974 + 60 = 4034 \downarrow$$

$$8997 + 90 = 9087 \downarrow$$

$$4968 + 70 = 5038 \downarrow$$

39) $8790 + 400 = 9190 \downarrow$

$$5840 + 900 = 6740 \downarrow$$

$$7670 + 700 = 8370 \downarrow$$

$$4920 + 500 = 5420 \downarrow$$

40) $3874 + 400 = 4274 \downarrow$

$$7659 + 600 = 8259 \downarrow$$

$$4783 + 700 = 5483 \downarrow$$

$$8932 + 900 = 9832 \downarrow$$

41) $2800 + 3500 = 6300 \downarrow$

$$3700 + 2600 = 6300 \downarrow$$

$$4900 + 1800 = 6700 \downarrow$$

$$5600 + 3900 = 9500 \downarrow$$

42) $1700 + 5400 = 7100 \downarrow$

$$3600 + 2800 = 6400 \downarrow$$

$$2800 + 3700 = 6500 \downarrow$$

$$4500 + 4600 = 9100 \downarrow$$

7

44) $1005 - 6 = 999 \downarrow$

$$1003 - 7 = 996 \downarrow$$

$$1002 - 5 = 997 \downarrow$$

$$1001 - 9 = 992 \downarrow$$

$$1004 - 8 = 996 \downarrow$$

45) $2003 - 8 = 1995 \downarrow$

$$8005 - 7 = 7998 \downarrow$$

$$6004 - 10 = 5994 \downarrow$$

$$9001 - 30 = 8971 \downarrow$$

$$5002 - 50 = 4952 \downarrow$$

46) $1030 - 60 = 970 \downarrow$

$$1050 - 70 = 980 \downarrow$$

$$3040 - 80 = 2960 \downarrow$$

$$7010 - 90 = 6920 \downarrow$$

$$5020 - 50 = 4970 \downarrow$$

21.4.1964

$$\underline{47)} 1200 - 900 = 300 \checkmark$$

$$3400 - 600 = 2800 \checkmark$$

$$8100 - 700 = 7400 \checkmark$$

$$6300 - 800 = 5500 \checkmark$$

$$9500 - 500 = 9000 \checkmark$$

$$\underline{48)} 2350 - 700 = 1650 \checkmark$$

$$4280 - 500 = 3780 \checkmark$$

$$7190 - 900 = 6290 \checkmark$$

$$6470 - 800 = 5670 \checkmark$$

$$8220 - 600 = 7620 \checkmark \quad ?$$

Schriftliches Zusammenzählen
und Abziehen

Achtung!

Vor dem genauen Ausrechnen schätzen wir erst das Ergebnis. (Überschlag)

1) Winzer Klein verkauft seine (Weinhändler) ^{22.4.1964}

Weintrauben dem Weinhändler. Es

sind 1127 kg, 1358 kg und 1514

kg. Wieviel zusammen?

1127 kg

1358 kg

+ 1514 kg

3999 kg ✓

(4000)

Antwort:

Winzer Klein verkauft zusammen

3999 kg Weintrauben an den Weinhändler. ✓

händler. ✓

2) a) 1400 kg b) 3210 kg c) 2526 kg

2160 kg

4535 kg

4140 kg

+ 4208 kg

+ 1250 kg

+ 312 kg

7768 kg ✓

8995 kg ✓

6978 kg ✓

(7500)

(8000)

(7500)

<u>2.)</u> d) 7680 kg	<u>e.)</u> 5020 kg	<u>l.)</u> 4108 kg	<u>6.)</u> d) 835 kg	<u>d.)</u> 3928 kg
311 kg	815 kg	2761 kg	1748 kg	2009 kg
<u>+ 2007 kg</u>	<u>+ 1042 kg</u>	<u>+ 130 kg</u>	<u>+ 4976 kg</u>	<u>+ 1996 kg</u>
<u>9998 kg</u> ↓	<u>6877 kg</u> ↓	<u>6999 kg</u> ↓	<u>7559 kg</u> ↓	<u>7933 kg</u> ↓
<u>(10000)</u>	<u>(7000)</u>	<u>(7000)</u> ♯	<u>(7500)</u>	<u>(8000)</u>

23.4.1964

<u>4.)</u> a) 1846 m	<u>b.)</u> 3512 m	<u>c.)</u> 6940 m
502 m	671 m	725 m
<u>+ 931 m</u>	<u>+ 804 m</u>	<u>+ 431 m</u>
<u>3279 m</u> ↓	<u>4987 m</u> ↓	<u>8096 m</u> ↓
<u>(3500)</u>	<u>(5000)</u>	<u>(8000)</u>

<u>e.)</u> 1653 kg	<u>l.)</u> 5188 kg
976 kg	647 kg
<u>+ 2238 kg</u>	<u>+ 3519 kg</u>
<u>4867 kg</u> ↓	<u>9354 kg</u> ↓
<u>(5000)</u>	<u>(9500)</u>

<u>d.)</u> 4839 m	<u>6.)</u> a) 7186 kg	<u>b.)</u> 2614 kg
903 m	68 kg	3097 kg
<u>+ 580 m</u>	<u>+ 1873 kg</u>	<u>+ 3152 kg</u>
<u>6322 m</u> ↓	<u>9127 kg</u> ↓	<u>8863 kg</u> ↓
<u>(6500)</u>	<u>(9000)</u>	<u>(9000)</u>

7526 <i>Vollzahl</i>
<u>- 3283</u> <i>Abzugszahl</i>
<u>4243</u> <i>Rest oder Unterschied</i>

Probe:

3283
<u>+ 4243</u>
<u>7526</u>

24.4.1964

$$\begin{array}{r} \underline{13) a) 4860} \\ - 1342 \\ \hline 3518 \checkmark \end{array}$$

Probe:

$$\begin{array}{r} 1342 \\ + 3518 \\ \hline 4860 \checkmark \end{array}$$

$$\begin{array}{r} \underline{b) 8390} \\ - 4265 \\ \hline 4125 \checkmark \end{array}$$

Probe:

$$\begin{array}{r} 4265 \\ + 4125 \\ \hline 8390 \checkmark \end{array}$$

$$\begin{array}{r} \underline{c) 5320} \\ - 3218 \\ \hline 2102 \checkmark \end{array}$$

Probe:

$$\begin{array}{r} 3218 \\ + 2102 \\ \hline 5320 \checkmark \end{array}$$

$$\begin{array}{r} \underline{d) 7680} \\ - 2451 \\ \hline 5229 \checkmark \end{array}$$

Probe:

$$\begin{array}{r} 2451 \\ + 5229 \\ \hline 7680 \checkmark \end{array}$$

$$\begin{array}{r} \underline{e) 3870} \\ - 2623 \\ \hline 1247 \checkmark \end{array}$$

Probe:

$$\begin{array}{r} 2623 \\ + 1247 \\ \hline 3870 \checkmark \end{array}$$

$$\begin{array}{r} \underline{f) 9940} \\ - 7634 \\ \hline 2306 \checkmark \end{array}$$

Probe:

$$\begin{array}{r} 7634 \\ + 2306 \\ \hline 9940 \checkmark \end{array}$$

Aufgabe:

$$9368 - 2050 - 3421 - 630$$

Ausrechnung:

1. Art:

$$\begin{array}{r} 9368 \\ - 2050 \\ \hline 7318 \\ - 3421 \\ \hline 3897 \\ - 630 \\ \hline 3267 \end{array}$$

2. Art:

$$\begin{array}{r} 2050 \\ 9368 \\ 3421 - 6101 \\ + 630 \\ \hline 3267 \end{array}$$

3. Art:

Wegaufgabe mit zwei Strichen

$$\begin{array}{r} -9368 \\ 2050 \\ 3421 \\ + 630 \\ \hline 3267 \end{array}$$

27.4.1964

$$\begin{array}{r} \underline{17) a) 5472 \text{ kg}} \\ - 2279 \text{ kg} \\ \hline 3193 \text{ kg} \checkmark \end{array} \quad \begin{array}{r} \underline{b) 7524 \text{ kg}} \\ - 5488 \text{ kg} \\ \hline 2036 \text{ kg} \checkmark \end{array}$$

$$\begin{array}{r} \underline{c) 4970 \text{ kg}} \\ - 2695 \text{ kg} \\ \hline 2275 \text{ kg} \checkmark \end{array} \quad \begin{array}{r} \underline{d) 2381 \text{ kg}} \\ - 1554 \text{ kg} \\ \hline 827 \text{ kg} \checkmark \end{array}$$

20) Winzer Hill hat eine erste Ernte:
einnahme in Höhe von 2500 DM.
Er kauft einen Winger für
1853 DM. Was kannst du rechnen?

$$\begin{array}{r} 2500 \text{ DM} \\ - 1853 \text{ DM} \\ \hline 647 \text{ DM} \checkmark \end{array}$$

Antwort:

Winzer Hill hat noch 647 DM
übrig. ✓

$$\begin{array}{r} \underline{21) a) 9000 \text{ DM}} \\ - 6170 \text{ DM} \\ \hline 2830 \text{ DM} \checkmark \end{array} \quad \begin{array}{r} \underline{b) 9000 \text{ DM}} \\ - 4851 \text{ DM} \\ \hline 4149 \text{ DM} \checkmark \end{array}$$

$$\begin{array}{r} \underline{c) 9000 \text{ DM}} \\ - 7349 \text{ DM} \\ \hline 1651 \text{ DM} \checkmark \end{array} \quad \begin{array}{r} \underline{d) 8000 \text{ DM}} \\ - 6927 \text{ DM} \\ \hline 1073 \text{ DM} \checkmark \end{array}$$

$$\begin{array}{r} \underline{e) 8000 \text{ DM}} \\ - 5633 \text{ DM} \\ \hline 2367 \text{ DM} \checkmark \end{array} \quad \begin{array}{r} \underline{f) 8000 \text{ DM}} \\ - 3866 \text{ DM} \\ \hline 4134 \text{ DM} \checkmark \end{array}$$

23) 10000 DM - 1823 DM - 556 DM - 28.4.1964
- 319 DM - 1278 DM - 2487 DM -
- 870 DM

(2.ort)

$$\begin{array}{r} 1823 \text{ DM} \\ 556 \text{ DM} \\ 319 \text{ DM} \\ 1278 \text{ DM} \\ 2487 \text{ DM} \\ + 870 \text{ DM} \\ \hline 7333 \text{ DM} \checkmark \end{array} \quad \begin{array}{r} 10000 \text{ DM} \\ - 7333 \text{ DM} \\ \hline 2667 \text{ DM} \checkmark \end{array}$$

23)

(3. Ort) - 10000 DM

1823 DM

556 DM

319 DM

1278 DM

2487 DM

+ 14870 DM

2667 DM ✓

24) 9003 kg - 1040 kg - 816 kg -

- 503 kg - 2917 kg - 1059 kg

- 2504 kg

(2. Ort) 1040 kg 9003 kg

816 kg - 8839 kg

503 kg 164 kg ✓

2917 kg

1059 kg

+ 2504 kg

8839 kg ✓

24)

(3. Ort) - 9003 kg

1040 kg

816 kg

503 kg

2917 kg

1059 kg

+ 2504 kg

164 kg ✓

Wir schreiben mit dem Komma!

1 kg = 1000 g

1 kg 375 g = 1,375 kg

3 kg 52 g = 3,052 kg

4 kg 8 g = 4,008 kg

725 g = 0,725 kg

68 g = 0,068 kg

5 g = 0,005 kg

29.4.1964

2b) Lies die Kommazahlen und verwandle in Gramm!

$$\underline{a)} 1,600 \text{ kg} = 1600 \text{ g} \checkmark$$

$$2,850 \text{ kg} = 2850 \text{ g} \checkmark$$

$$5,500 \text{ kg} = 5500 \text{ g} \checkmark$$

$$3,750 \text{ kg} = 3750 \text{ g} \checkmark$$

$$1,685 \text{ kg} = 1685 \text{ g} \checkmark$$

$$6,010 \text{ kg} = 6010 \text{ g} \checkmark$$

$$8,005 \text{ kg} = 8005 \text{ g} \checkmark$$

$$\underline{b)} 0,765 \text{ kg} = 765 \text{ g} \checkmark$$

$$0,025 \text{ kg} = 25 \text{ g} \checkmark$$

$$6,905 \text{ kg} = 6905 \text{ g} \checkmark$$

$$0,050 \text{ kg} = 50 \text{ g} \checkmark$$

$$0,300 \text{ kg} = 300 \text{ g} \checkmark$$

$$0,004 \text{ kg} = 4 \text{ g} \checkmark$$

$$0,001 \text{ kg} = 1 \text{ g} \checkmark$$

NR. 10

80g HOLZFREI

Astrid Pflüger

Klasse: 4a

Rechenheft

2

H-M-



HEFT

27) Wieviel Kilogramm und Gramm? 29.4.1964

Schreibe mit dem Komma!

a) 1400 g = 1,400 kg ✓

2500 g = 2,500 kg ✓

3750 g = 3,750 kg ✓

532 g = 0,532 kg ✓

b) 1135 g = 1,135 kg ✓

4825 g = 4,825 kg ✓

9050 g = 9,050 kg ✓

800 g = 0,800 kg ✓

d) 3100 g = 3,100 kg ✓

5010 g = 5,010 kg ✓

2005 g = 2,005 kg ✓

40 g = 0,040 kg ✓

d) 4500 g = 4,500 kg ✓

6700 g = 6,700 kg ✓

1250 g = 1,250 kg ✓

3 g = 0,003 kg ✓

$$\underline{72.)a} \quad 10010 \text{ g} = 10,010 \text{ kg} \checkmark$$

$$1225 \text{ g} = 1,225 \text{ kg} \checkmark$$

$$7195 \text{ g} = 7,195 \text{ kg} \checkmark$$

$$7 \text{ g} = 0,007 \text{ kg} \checkmark$$

$$\underline{f)} \quad 36909 \text{ g} = 36,909 \text{ kg} \checkmark$$

$$51089 \text{ g} = 51,089 \text{ kg} \checkmark$$

$$10049 \text{ g} = 10,049 \text{ kg} \checkmark$$

$$179 \text{ g} = 0,179 \text{ kg} \checkmark$$

$$\underline{30.)a} \quad 5300 \text{ m} = 5,300 \text{ km} \checkmark$$

$$4850 \text{ m} = 4,850 \text{ km} \checkmark$$

$$6035 \text{ m} = 6,035 \text{ km} \checkmark$$

$$2008 \text{ m} = 2,008 \text{ km} \checkmark$$

$$3190 \text{ m} = 3,190 \text{ km} \checkmark$$

$$5040 \text{ m} = 5,040 \text{ km} \checkmark$$

$$4006 \text{ m} = 4,006 \text{ km} \checkmark$$

$$\underline{30.)b} \quad 700 \text{ m} = 0,700 \text{ km} \checkmark$$

$$503 \text{ m} = 0,503 \text{ km} \checkmark$$

$$260 \text{ m} = 0,260 \text{ km} \checkmark$$

$$50 \text{ m} = 0,050 \text{ km} \checkmark$$

$$43 \text{ m} = 0,043 \text{ km} \checkmark$$

$$2 \text{ m} = 0,002 \text{ km} \checkmark$$

$$17 \text{ m} = 0,017 \text{ km} \checkmark$$

$$\underline{34.)a} \quad 6200 \text{ mm} = 6,200 \text{ m} \checkmark$$

$$603 \text{ mm} = 0,603 \text{ m} \checkmark$$

(700)

$$7950 \text{ mm} = 7,950 \text{ m} \checkmark$$

$$700 \text{ mm} = 0,700 \text{ m} \checkmark$$

$$4008 \text{ mm} = 4,008 \text{ m} \checkmark$$

$$875 \text{ mm} = 0,875 \text{ m} \checkmark$$

$$1205 \text{ mm} = 1,205 \text{ m} \checkmark$$

$$950 \text{ mm} = 0,950 \text{ m} \checkmark$$

$$3761 \text{ mm} = 3,761 \text{ m} \checkmark$$

$$85 \text{ mm} = 0,085 \text{ m} \checkmark$$

$$9010 \text{ mm} = 9,010 \text{ m} \checkmark$$

$$6 \text{ mm} = 0,006 \text{ m} \checkmark$$

4.5.1964

$$\underline{38) a) 23,450 \text{ km} \quad \text{b) } 4,752 \text{ km}$$

$$78,164 \text{ km} \quad 38,246 \text{ km}$$

$$6,055 \text{ km} \quad 7,380 \text{ km}$$

$$12,268 \text{ km} \quad 15,675 \text{ km}$$

$$1,448 \text{ km} \quad 20,082 \text{ km}$$

$$+ \begin{array}{r} 18,084 \text{ km} \\ \underline{ \text{ km}} \\ \text{ km} \end{array} \quad + \begin{array}{r} 9,128 \text{ km} \\ \underline{ \text{ km}} \\ \text{ km} \end{array}$$

$$139,469 \text{ km} \checkmark \quad 95,263 \text{ km} \checkmark$$

$$\underline{c) 30,865 \text{ km}}$$

$$21,682 \text{ km}$$

$$16,466 \text{ km}$$

$$13,523 \text{ km}$$

$$6,807 \text{ km}$$

$$+ \begin{array}{r} 41,785 \text{ km} \\ \underline{ \text{ km}} \\ \text{ km} \end{array}$$

$$131,128 \text{ km} \checkmark \quad 1$$

$$1 \text{ DM} = 100 \text{ Pf}$$

$$1 \text{ hl} = 100 \text{ l}$$

$$\underline{36) a) 30,80 \text{ m} \quad \text{b) } 175,20 \text{ m}$$

$$121,10 \text{ m} \quad 86,95 \text{ m}$$

$$206,75 \text{ m} \quad 364,15 \text{ m}$$

$$8,05 \text{ m} \quad 9,08 \text{ m}$$

$$96,54 \text{ m} \quad 140,32 \text{ m}$$

$$+ \begin{array}{r} 1,36 \text{ m} \\ \underline{ \text{ m}} \\ \text{ m} \end{array} \quad + \begin{array}{r} 27,48 \text{ m} \\ \underline{ \text{ m}} \\ \text{ m} \end{array}$$

$$464,60 \text{ m} \checkmark \quad 803,18 \text{ m} \checkmark$$

$$\underline{c) 86,27 \text{ m} \quad d) 8,627 \text{ km}}$$

$$248,05 \text{ m} \quad 24,805 \text{ km}$$

$$173,40 \text{ m} \quad 17,340 \text{ km}$$

$$0,85 \text{ m} \quad 0,085 \text{ km}$$

$$300,72 \text{ m} \quad 30,072 \text{ km}$$

$$+ \begin{array}{r} 64,15 \text{ m} \\ \underline{ \text{ m}} \\ \text{ m} \end{array} \quad + \begin{array}{r} 6,415 \text{ km} \\ \underline{ \text{ km}} \\ \text{ km} \end{array}$$

$$873,44 \text{ m} \quad 87,344 \text{ km} \checkmark$$

$$\underline{37) a) 10,20 \text{ hl} \quad \text{b) } 18,10 \text{ hl}}$$

$$9,35 \text{ hl} \quad 46,60 \text{ hl}$$

$$3,40 \text{ hl} \quad 27,05 \text{ hl}$$

$$+ \begin{array}{r} 1,02 \text{ hl} \\ \underline{ \text{ hl}} \\ \text{ hl} \end{array} \quad + \begin{array}{r} 6,24 \text{ hl} \\ \underline{ \text{ hl}} \\ \text{ hl} \end{array}$$

$$23,97 \text{ hl} \checkmark \quad 97,99 \text{ hl} \checkmark$$

$$\underline{37)c) 14,55 \text{ hl}} \quad \underline{39a) 6,150 \text{ kg}}$$

$$20,15 \text{ hl} \quad 11,325 \text{ kg}$$

$$56,25 \text{ hl} \quad \underline{22,410 \text{ kg}}$$

$$\underline{\quad 0,30 \text{ hl}} \quad \underline{39,885 \text{ kg} \checkmark}$$

$$\underline{91,25 \text{ hl} \checkmark}$$

6.5.1964

$$\underline{39)b) 13,360 \text{ kg}} \quad \underline{c) 35,180 \text{ kg}}$$

$$20,410 \text{ kg} \quad 42,855 \text{ kg}$$

$$+ \underline{15,720 \text{ kg}} \quad + \underline{18,675 \text{ kg}}$$

$$\underline{49,490 \text{ kg} \checkmark} \quad \underline{96,710 \text{ kg} \checkmark}$$

$$\underline{d) 9,280 \text{ kg}} \quad \underline{e) 12,645 \text{ kg}}$$

$$5,365 \text{ kg} \quad 23,538 \text{ kg}$$

$$+ \underline{10,295 \text{ kg}} \quad + \underline{29,810 \text{ kg}}$$

$$\underline{24,940 \text{ kg} \checkmark} \quad \underline{65,993 \text{ kg} \checkmark}$$

40) Von einem Stoffrest von 7,25m

wurden 3,45m abgeschnitten.

Rechne!

$$7,25 \text{ m}$$

$$- \underline{3,45 \text{ m}}$$

$$3,80 \text{ m} \checkmark$$

40)

Antwort:

3,80m Stoff bleiben noch übrig. ✓

$$\underline{41)a) 28,65 \text{ m}} \quad \underline{b) 17,38 \text{ m}} \quad \underline{c) 52,80 \text{ m}}$$

$$- \underline{13,45 \text{ m}} \quad - \underline{12,25 \text{ m}} \quad - \underline{24,50 \text{ m}}$$

$$\underline{15,20 \text{ m} \checkmark} \quad \underline{5,13 \text{ m} \checkmark} \quad \underline{28,30 \text{ m} \checkmark}$$

$$\underline{d) 34,95 \text{ m}} \quad \underline{e) 46,50 \text{ m}} \quad \underline{f) 63,08 \text{ m}}$$

$$- \underline{16,82 \text{ m}} \quad - \underline{22,15 \text{ m}} \quad - \underline{37,60 \text{ m}}$$

$$\underline{18,13 \text{ m} \checkmark} \quad \underline{24,35 \text{ m} \checkmark} \quad \underline{25,48 \text{ m} \checkmark}$$

$$\underline{43)a) 12,18 \text{ hl}} \quad \underline{b) 28,25 \text{ hl}} \quad \underline{c) 32,05 \text{ hl}}$$

$$- \underline{5,50 \text{ hl}} \quad - \underline{15,68 \text{ hl}} \quad - \underline{18,80 \text{ hl}}$$

$$\underline{6,68 \text{ hl} \checkmark} \quad \underline{12,57 \text{ hl}} \quad \underline{13,25 \text{ hl}}$$

$$\underline{d) 81,62 \text{ hl}} \quad \underline{e) 41,34 \text{ hl}} \quad \underline{f) 75,00 \text{ hl}}$$

$$- \underline{56,75 \text{ hl}} \quad - \underline{19,88 \text{ hl}} \quad - \underline{38,40 \text{ hl}}$$

$$\underline{24,87 \text{ hl}} \quad \underline{21,46 \text{ hl}} \quad \underline{36,60 \text{ hl}}$$

$$\underline{45)a) 77,500 \text{ kg}} \quad \underline{b) 82,100 \text{ kg}}$$

$$- \underline{6,350 \text{ kg}} \quad - \underline{16,470 \text{ kg}}$$

$$\underline{71,150 \text{ kg} \checkmark} \quad \underline{65,630 \text{ kg}}$$

$$\underline{45)c) 54,320 \text{ kg} \quad d) 220,875 \text{ kg}}$$

$$\underline{- 39,650 \text{ kg} \quad - 78,680 \text{ kg}}$$

$$14,670 \text{ kg} \quad 142,195 \text{ kg}$$

$$e) 491,225 \text{ kg}$$

$$\underline{- 216,680 \text{ kg}}$$

$$274,545 \text{ kg}$$

Große Gewichte

Unser größtes Gewicht ist die Tonne.

1 Tonne = 1000 Kilogramm

1 t = 1000 kg

$$1000 \text{ kg} = 1 \text{ t}$$

$$9000 \text{ kg} = 9 \text{ t}$$

$$2000 \text{ kg} = 2 \text{ t}$$

$$10000 \text{ kg} = 10 \text{ t}$$

$$3000 \text{ kg} = 3 \text{ t}$$

$$4000 \text{ kg} = 4 \text{ t}$$

$$5000 \text{ kg} = 5 \text{ t}$$

$$6000 \text{ kg} = 6 \text{ t}$$

$$7000 \text{ kg} = 7 \text{ t}$$

$$8000 \text{ kg} = 8 \text{ t}$$

$$\underline{50)a) 6000 \text{ kg} = 6 \text{ t} \checkmark}$$

$$3000 \text{ kg} = 3 \text{ t} \checkmark}$$

$$7000 \text{ kg} = 7 \text{ t} \checkmark}$$

$$10000 \text{ kg} = 10 \text{ t} \checkmark}$$

$$b) 1600 \text{ kg} = 1 \text{ t } 600 \text{ kg} \checkmark}$$

$$5200 \text{ kg} = 5 \text{ t } 200 \text{ kg} \checkmark}$$

$$9840 \text{ kg} = 9 \text{ t } 840 \text{ kg} \checkmark}$$

$$4320 \text{ kg} = 4 \text{ t } 320 \text{ kg} \checkmark}$$

$$c) 8175 \text{ kg} = 8 \text{ t } 175 \text{ kg} = 8,175 \text{ t} \checkmark}$$

$$2950 \text{ kg} = 2 \text{ t } 950 \text{ kg} = 2,950 \text{ t} \checkmark}$$

$$6080 \text{ kg} = 6 \text{ t } 80 \text{ kg} = 6,080 \text{ t} \checkmark}$$

$$9004 \text{ kg} = 9 \text{ t } 4 \text{ kg} = 9,004 \text{ t} \checkmark}$$

52.) Wieviel Kilogramm sind:

$$3,900 \text{ t} = 3900 \text{ kg} \checkmark}$$

$$1,830 \text{ t} = 1830 \text{ kg} \checkmark}$$

$$8,704 \text{ t} = 8704 \text{ kg} \checkmark}$$

$$7,045 \text{ t} = 7045 \text{ kg} \checkmark}$$

$$4,005 \text{ t} = 4005 \text{ kg} \checkmark}$$

53.) Schreibe als Kommazahlen:

$$2 \text{ t } 800 \text{ kg} = 2,800 \text{ t} \checkmark$$

$$6 \text{ t } 310 \text{ kg} = 6,310 \text{ t} \checkmark$$

$$8 \text{ t } 205 \text{ kg} = 8,205 \text{ t} \checkmark$$

$$5 \text{ t } 84 \text{ kg} = 5,084 \text{ t} \checkmark$$

$$4 \text{ t } 1 \text{ kg} = 4,001 \text{ t} \checkmark$$

$$1900 \text{ kg} = 1,900 \text{ t} \checkmark$$

$$5630 \text{ kg} = 5,630 \text{ t} \checkmark$$

$$4060 \text{ kg} = 4,060 \text{ t} \checkmark$$

$$\underline{2)} 18 \cdot 5 = 90 \checkmark \quad \underline{3)} 60 \cdot 13 = 780 \checkmark$$

$$18 \cdot 50 = 900 \checkmark \quad 80 \cdot 11 = 880 \checkmark$$

$$16 \cdot 6 = 96 \checkmark \quad 17 \cdot 40 = 680 \checkmark$$

$$16 \cdot 60 = 960 \checkmark \quad 12 \cdot 90 = 1080 \checkmark$$

$$12 \cdot 7 = 84 \checkmark \quad 13 \cdot 80 = 1040 \checkmark$$

$$12 \cdot 70 = 840 \checkmark \quad 90 \cdot 11 = 990 \checkmark$$

$$\underline{6)} 4 \cdot 130 = 520 \checkmark \quad \underline{6)} 8 \cdot 140 = 1120 \checkmark$$

$$7 \cdot 120 = 840 \checkmark \quad 6 \cdot 160 = 960 \checkmark$$

$$9 \cdot 110 = 990 \checkmark \quad 5 \cdot 190 = 950 \checkmark$$

$$1 \text{ Doppelzentner} = 100 \text{ Kilogramm}$$

$$1 \text{ dz} = 100 \text{ kg}$$

$$1 \text{ dz} = 1000 \text{ kg} = 1 \text{ t}$$

oder:

$$1 \text{ t} = 10 \text{ dz} = 10000 \text{ kg}$$

$$\underline{5)} 8 \cdot 700 = 5600 \checkmark \quad 7 \cdot 700 = 4900 \checkmark \quad 11.5.1964$$

$$8 \cdot 500 = 4000 \checkmark \quad 7 \cdot 500 = 3500 \checkmark$$

$$8 \cdot 400 = 3200 \checkmark \quad 7 \cdot 400 = 2800 \checkmark$$

$$8 \cdot 300 = 2400 \checkmark \quad 7 \cdot 300 = 2100 \checkmark$$

$$8 \cdot 800 = 6400 \checkmark \quad 7 \cdot 800 = 5600 \checkmark$$

$$8 \cdot 400 = 3200 \checkmark \quad 7 \cdot 400 = 2800 \checkmark$$

$$8 \cdot 900 = 7200 \checkmark \quad 7 \cdot 900 = 6300 \checkmark$$

$$9 \cdot 700 = 6300 \checkmark \quad 9 \cdot 400 = 3600 \checkmark$$

$$9 \cdot 500 = 4500 \checkmark \quad 9 \cdot 900 = 8100 \checkmark$$

$$9 \cdot 400 = 3600 \checkmark$$

$$9 \cdot 300 = 2700 \checkmark$$

$$9 \cdot 800 = 7200 \checkmark$$

5) $3 \cdot 700 = 2100 \checkmark$ $5 \cdot 700 = 3500 \checkmark$ 6) $c) 3600 = 9 \cdot 400 \checkmark$ d) $4200 = 7 \cdot 600 \checkmark$ 12.5.1964

$3 \cdot 500 = 1500 \checkmark$ $5 \cdot 500 = 2500 \checkmark$ $3600 = 4 \cdot 900 \checkmark$ $4800 = 6 \cdot 800 \checkmark$

$3 \cdot 400 = 1200 \checkmark$ $5 \cdot 400 = 2000 \checkmark$ $3600 = 12 \cdot 300 \checkmark$ $5600 = 8 \cdot 700 \checkmark$

$3 \cdot 300 = 900 \checkmark$ $5 \cdot 300 = 1500 \checkmark$ $3600 = 6 \cdot 600 \checkmark$ $7200 = 8 \cdot 900 \checkmark$

$3 \cdot 800 = 2400 \checkmark$ $5 \cdot 800 = 4000 \checkmark$ $3200 = 8 \cdot 400 \checkmark$ $7200 = 12 \cdot 600 \checkmark$

$3 \cdot 400 = 1200 \checkmark$ $5 \cdot 400 = 2000 \checkmark$ $3500 = 5 \cdot 700 \checkmark$ $7200 = 9 \cdot 800 \checkmark$

$3 \cdot 900 = 2700 \checkmark$ $5 \cdot 900 = 4500 \checkmark$

8) a) $1800 : 6 = 300 \checkmark$ b) $2400 : 8 = 300 \checkmark$

$1800 : 9 = 200 \checkmark$ $2400 : 2 = 1200 \checkmark$

$1800 : 2 = 900 \checkmark$ $2400 : 6 = 400 \checkmark$

$1800 : 3 = 600 \checkmark$ $2400 : 4 = 600 \checkmark$

$2400 : 3 = 800 \checkmark$

$4 \cdot 700 = 2800 \checkmark$

$4 \cdot 500 = 2000 \checkmark$

$4 \cdot 400 = 1600 \checkmark$

$4 \cdot 300 = 1200 \checkmark$

$4 \cdot 800 = 3200 \checkmark$

$4 \cdot 400 = 1600 \checkmark$

$4 \cdot 900 = 3600 \checkmark$ *p*

12) $3 \cdot 207 = 621 \checkmark$ 13) $9 \cdot 240 = 2160 \checkmark$

$5 \cdot 803 = 4015 \checkmark$ $8 \cdot 320 = 2560 \checkmark$

$4 \cdot 709 = 2836 \checkmark$ $6 \cdot 470 = 2820 \checkmark$

$9 \cdot 306 = 2754 \checkmark$ $4 \cdot 630 = 2520 \checkmark$

$8 \cdot 504 = 4032 \checkmark$ $7 \cdot 850 = 5950 \checkmark$

$7 \cdot 608 = 4256 \checkmark$ $5 \cdot 760 = 3800 \checkmark$ *p*

13.4.1964

$$\underline{17)5} \cdot 415 = 2000 + 50 + 25 = 2075 \checkmark \quad \underline{17)6} \cdot 415 = 2400 + 60 + 30 = 2490 \checkmark$$

$$5 \cdot 813 = 4000 + 50 + 15 = 4065 \checkmark \quad 6 \cdot 813 = 4800 + 60 + 18 = 4878 \checkmark$$

$$5 \cdot 514 = 2500 + 50 + 20 = 2570 \checkmark \quad 6 \cdot 514 = 3000 + 60 + 24 = 3084 \checkmark$$

$$5 \cdot 312 = 1500 + 50 + 10 = 1560 \checkmark \quad 6 \cdot 312 = 1800 + 60 + 12 = 1872 \checkmark$$

$$5 \cdot 611 = 3000 + 50 + 5 = 3055 \checkmark \quad 6 \cdot 611 = 3600 + 60 + 6 = 3666 \checkmark$$

$$5 \cdot 915 = 4500 + 50 + 25 = 4575 \checkmark \quad 6 \cdot 915 = 5400 + 60 + 30 = 5490 \checkmark$$

$$7 \cdot 415 = 2800 + 70 + 35 = 2905 \checkmark \quad \underline{19)a)3} \cdot 3000 = 9000 \checkmark$$

$$7 \cdot 813 = 5600 + 70 + 21 = 5691 \checkmark \quad 3 \cdot 3300 = 9900 \checkmark$$

$$7 \cdot 514 = 3500 + 70 + 28 = 3598 \checkmark \quad 4 \cdot 2000 = 8000 \checkmark$$

$$7 \cdot 312 = 2100 + 70 + 14 = 2184 \checkmark \quad \underline{b)4} \cdot 2500 = 10000 \checkmark$$

$$7 \cdot 611 = 4200 + 70 + 7 = 4277 \checkmark \quad 2 \cdot 4000 = 8000 \checkmark$$

$$7 \cdot 915 = 6300 + 70 + 35 = 6405 \checkmark \quad 2 \cdot 4700 = 9400 \checkmark$$

$$8 \cdot 415 = 3200 + 80 + 40 = 3320 \checkmark \quad \underline{c)2} \cdot 4050 = 8100 \checkmark$$

$$8 \cdot 813 = 6400 + 80 + 24 = 6504 \checkmark \quad 5 \cdot 1080 = 5400 \checkmark$$

$$8 \cdot 514 = 4000 + 80 + 32 = 4112 \checkmark \quad 8 \cdot 1020 = 8160 \checkmark$$

$$8 \cdot 312 = 2400 + 80 + 16 = 2496 \checkmark \quad \underline{d)7} \cdot 1050 = 7350 \checkmark$$

$$8 \cdot 611 = 4800 + 80 + 8 = 4888 \checkmark \quad 9 \cdot 1011 = 9099 \checkmark$$

$$8 \cdot 915 = 7200 + 80 + 40 = 7320 \checkmark \quad 3 \cdot 4020 = 12060 \checkmark$$

$$\underline{e)2} \cdot 3700 = 7400$$

$$5 \cdot 1800 = 9000$$

$$19.) a) 2 \cdot 4800 = 9600$$

$$b) 3 \cdot 2600 = 7800$$

$$4 \cdot 2400 = 9600$$

$$6 \cdot 1500 = 9000$$

14.5.1964

$$22.) a) 850 \cdot 2 = 1700$$

$$920 \cdot 2 = 1840$$

$$942 \cdot 2 = 1884$$

$$838 \cdot 2 = 1676$$

$$1650 \cdot 2 = 3300$$

$$3550 \cdot 2 = 7100$$

$$4301 \cdot 2 = 8602$$

$$4450 \cdot 2 = 8900$$

22.) a) das Doppelte von

14.5.1964

$$2 \cdot 850 = 1700 \checkmark$$

$$2 \cdot 942 = 1884 \checkmark$$

$$2 \cdot 838 = 1676 \checkmark$$

$$2 \cdot 1650 = 3300 \checkmark$$

$$2 \cdot 3550 = 7100 \checkmark$$

$$2 \cdot 4301 = 8602 \checkmark$$

$$2 \cdot 4450 = 8900 \checkmark$$

b) die Hälfte von

$$1400 : 2 = 700 \checkmark$$

$$1300 : 2 = 650 \checkmark$$

$$1842 : 2 = 921 \checkmark$$

$$1470 : 2 = 735 \checkmark$$

$$4060 : 2 = 2030 \checkmark$$

$$2184 : 2 = 1092 \checkmark$$

$$5240 : 2 = 2620 \checkmark$$

$$\underline{28) 1200} : 3 = 400 \checkmark$$

$$2100 : 3 = 700 \checkmark$$

$$2700 : 3 = 900 \checkmark$$

$$3300 : 3 = 1100 \checkmark$$

$$\underline{1860} : 3 = 620 \checkmark$$

$$1800$$

$$60$$

$$\underline{2550} : 3 = 850 \checkmark$$

$$2400$$

$$150$$

$$\underline{3600} : 3 = 1200 \checkmark$$

$$1920 : 3 = 640$$

$$1800$$

$$120$$

$$\underline{1920} : 3 = 640 \checkmark$$

$$\underline{4500} : 3 = 1500 \checkmark$$

$$3000$$

$$120$$

$$1500$$

$$\underline{3900} : 3 = 1300 \checkmark$$

$$3000$$

$$900$$

$$\underline{28) 1600} : 4 = 400 \checkmark$$

$$2800 : 4 = 700 \checkmark$$

$$4400 : 4 = 1100 \checkmark$$

$$\underline{5000} : 4 = 1250 \checkmark$$

$$4800$$

$$200$$

$$\underline{8400} : 4 = 2100 \checkmark$$

$$8000$$

$$400$$

$$\underline{10000} : 4 = 2500 \checkmark$$

$$8000$$

$$2000$$

$$\underline{2160} : 4 = 540 \checkmark$$

$$2000$$

$$160$$

$$\underline{3400} : 4 = 850 \checkmark$$

$$3200$$

$$200$$

$$\underline{3612} : 4 = 903 \checkmark$$

$$3600$$

$$12$$

$$\underline{28.)a) 3300} : 4 = 825 \checkmark$$

3200

100

$$\underline{d) 2000} : 5 = 400 \checkmark$$

$$3500 : 5 = 700 \checkmark$$

$$5000 : 5 = 1000 \checkmark$$

$$\underline{6000} : 5 = 1200 \checkmark$$

5000

1000

$$\underline{4500} : 5 = 900 \checkmark$$

$$1540 : 5 = 308 \checkmark$$

1500

40

x

$$\underline{2400} : 5 = 480 \checkmark$$

2000

400

$$\underline{5100} : 5 = 1020 \checkmark$$

5000

100

$$\underline{28.)d) 4025} : 5 = 805 \checkmark$$

4000

25

$$\underline{7000} : 5 = 1400 \checkmark$$

5000

2000

$$x \quad \underline{1540} : 5 = 308 \checkmark$$

1500

40

$$\underline{32.)a) 500 \text{ in } 2000} = 4 \text{ mal } \checkmark$$

25.5.1964

$$500 \text{ in } 2100 = 4 \text{ mal R. } 100 \checkmark$$

$$500 \text{ in } \underline{4800} = 9 \text{ mal R. } 300 \checkmark$$

4500

300

$$500 \text{ in } 3000 = 6 \text{ mal } \checkmark$$

$$500 \text{ in } \underline{4200} = 8 \text{ mal R. } 200 \checkmark$$

4000

200

$$500 \text{ in } 3500 = 7 \text{ mal } \checkmark$$

$$500 \text{ in } 5600 = 11 \text{ mal R. } 100 \checkmark$$

$$\underline{32.)b)} 600 \text{ in } \underline{2000} = 3 \text{ mal R. } 200 \checkmark$$

1800

200

$$600 \text{ in } \underline{2100} = 3 \text{ mal R. } 300 \checkmark$$

1800

300

$$600 \text{ in } 4800 = 8 \text{ mal } \checkmark$$

$$600 \text{ in } 3000 = 5 \text{ mal } \checkmark$$

$$600 \text{ in } 4200 = 7 \text{ mal } \checkmark$$

$$600 \text{ in } \underline{3500} = 5 \text{ mal R. } 500 \checkmark$$

3000

500

$$600 \text{ in } \underline{5600} = 9 \text{ mal R. } 200 \checkmark$$

5400

200

$$\underline{c)} 700 \text{ in } \underline{2000} = 2 \text{ mal R. } 600 \checkmark$$

1400

600

$$700 \text{ in } 2100 = 3 \text{ mal } \checkmark$$

$$\underline{32.)d)} 700 \text{ in } \underline{4800} = 6 \text{ mal R. } 600 \checkmark$$

4200

600

$$700 \text{ in } \underline{3000} = 4 \text{ mal R. } 200 \checkmark$$

2800

200

$$700 \text{ in } 4200 = 6 \text{ mal } \checkmark$$

$$700 \text{ in } 3500 = 5 \text{ mal } \checkmark$$

$$700 \text{ in } 5600 = 8 \text{ mal } \checkmark$$

$$\underline{36.)a)} 2 \cdot 1,30 \text{ DM} = 2,60 \text{ DM } \checkmark$$

(2 DM + 0,60 DM) ✓

(3 DM + 0,40 DM)

$$2 \cdot 1,70 \text{ DM} = 3,40 \text{ DM } \checkmark$$

(4 DM + 1,50 DM)

$$2 \cdot 2,75 \text{ DM} = 5,50 \text{ DM } \checkmark$$

(4 DM + 0,30 DM)

$$2 \cdot 2,15 \text{ DM} = 4,30 \text{ DM } \checkmark$$

(6 DM + 0,50 DM)

$$2 \cdot 3,25 \text{ DM} = 6,50 \text{ DM } \checkmark$$

(14 DM + 0,80 DM)

$$2 \cdot 7,40 \text{ DM} = 14,80 \text{ DM } \checkmark$$

26.5.1964

(18DM+1,00DM)

$$\underline{36.)a)2} \cdot 9,50DM = 19,00DM \checkmark$$

(16DM+1,20DM)

$$2 \cdot 8,60DM = 17,20DM \checkmark$$

(2m+0,88m)

$$\underline{2)2} \cdot 1,44m = 2,88m \checkmark$$

(2m+1,64m)

$$2 \cdot 1,82m = 3,64m \checkmark$$

(8m+76cm)

$$2 \cdot 4,38m = 8,76m \checkmark$$

(12m+1,10m)

$$2 \cdot 6,55m = 13,10m \checkmark$$

(6m+0,16m)

$$2 \cdot 3,08m = 6,16m \checkmark$$

(16m+58m)

$$2 \cdot 8,29m = 16,58m \checkmark$$

(24m+52cm)

$$2 \cdot 12,26m = 24,52m \checkmark$$

(30m+1,50m)

$$2 \cdot 15,75m = 31,50m \checkmark$$

$$\underline{36.)c)2} \cdot 5,40dz = 10,80dz \checkmark$$

(4dz+1,90dz)

$$2 \cdot 2,95dz = 5,90dz \checkmark$$

(12dz+1,62dz)

$$2 \cdot 6,81dz = 13,62dz \checkmark$$

(20dz+1,80dz)

$$2 \cdot 10,90dz = 21,80dz \checkmark$$

(16dz+0,96dz)

$$2 \cdot 8,48dz = 16,96dz \checkmark$$

(24dz+74dz)

$$2 \cdot 12,37dz = 24,74dz \checkmark$$

(42dz+0,32dz)

$$2 \cdot 21,16dz = 42,32dz \checkmark$$

(32dz+1,04dz)

$$2 \cdot 16,52dz = 33,04dz \checkmark$$

f

1.6.1964

38)c 5 · 2,90 hl = 14,50 hl ✓

5 · 4,40 hl = 22,00 hl ✓

5 · 6,50 hl = 32,50 hl ✓

5 · 8,12 hl = 40,60 hl ✓

5 · 9,30 hl = 46,50 hl ✓

5 · 3,80 hl = 19,00 hl ✓

5 · 1,60 hl = 8,00 hl ✓

5 · 9,08 hl = 45,40 hl ✓

b 6 · 2,90 hl = 17,40 hl ✓

6 · 4,40 hl = 26,40 hl ✓

6 · 6,50 hl = 39,00 hl ✓

6 · 8,12 hl = 48,72 hl ✓

6 · 9,30 hl = 55,80 hl ✓

6 · 3,80 hl = 22,80 hl ✓

6 · 1,60 hl = 9,60 hl ✓

6 · 9,08 hl = 54,48 hl ✓

38)b 7 · 2,90 hl = 20,30 hl ✓

7 · 4,40 hl = 30,80 hl ✓

7 · 6,50 hl = 45,50 hl ✓

7 · 8,12 hl = 56,84 hl ✓

7 · 9,30 hl = 65,10 hl ✓

7 · 3,80 hl = 26,60 hl ✓

7 · 1,60 hl = 11,20 hl ✓

7 · 9,08 hl = 63,56 hl ✓

38)d 3 · 5,600 kg = 16,800 kg ✓

3 · 8,200 kg = 24,600 kg ✓

3 · 9,400 kg = 28,200 kg ✓

3 · 4,900 kg = 14,700 kg ✓

3 · 2,700 kg = 8,100 kg ✓

3 · 3,300 kg = 9,900 kg ✓

3 · 12,100 kg = 36,300 kg ✓

3 · 15,500 kg = 46,500 kg ✓

2.6.1964

$$\underline{38)d) 5} \cdot 5,600 \text{ kg} = 28,000 \text{ kg} \checkmark$$

$$5 \cdot 8,200 \text{ kg} = 41,000 \text{ kg} \checkmark$$

$$5 \cdot 9,400 \text{ kg} = 47,000 \text{ kg} \checkmark$$

$$5 \cdot 4,900 \text{ kg} = 24,500 \text{ kg} \checkmark$$

$$5 \cdot 2,700 \text{ kg} = 13,500 \text{ kg} \checkmark$$

$$5 \cdot 3,300 \text{ kg} = 16,500 \text{ kg} \checkmark$$

$$5 \cdot 12,100 \text{ kg} = 60,500 \text{ kg} \checkmark$$

$$5 \cdot 15,500 \text{ kg} = 77,500 \text{ kg} \checkmark$$

4.6.1964

$$\underline{38)e) 6} \cdot 1,400 \text{ t} = 8,400 \text{ t} \checkmark$$

$$6 \cdot 3,800 \text{ t} = 22,800 \text{ t} \checkmark$$

$$6 \cdot 2,300 \text{ t} = 13,800 \text{ t} \checkmark$$

$$6 \cdot 4,120 \text{ t} = 24,720 \text{ t} \checkmark$$

$$6 \cdot 2,025 \text{ t} = 12,150 \text{ t} \checkmark$$

$$6 \cdot 7,100 \text{ t} = 42,600 \text{ t} \checkmark$$

$$6 \cdot 5,050 \text{ t} = 30,300 \text{ t} \checkmark$$

$$6 \cdot 8,005 \text{ t} = 48,030 \text{ t} \checkmark$$

$$\underline{38)f) 7} \cdot 1,400 \text{ t} = 9,800 \text{ t} \checkmark$$

$$7 \cdot 3,800 \text{ t} = 26,600 \text{ t} \checkmark$$

$$7 \cdot 2,300 \text{ t} = 16,100 \text{ t} \checkmark$$

$$7 \cdot 4,120 \text{ t} = 28,840 \text{ t} \checkmark$$

$$7 \cdot 2,025 \text{ t} = 14,175 \text{ t} \checkmark$$

$$7 \cdot 7,100 \text{ t} = 49,700 \text{ t} \checkmark$$

$$7 \cdot 5,050 \text{ t} = 35,350 \text{ t} \checkmark$$

$$7 \cdot 8,005 \text{ t} = 56,035 \text{ t} \checkmark$$

$$\underline{e) 8} \cdot 1,400 \text{ t} = 11,200 \text{ t} \checkmark$$

$$8 \cdot 3,800 \text{ t} = 30,400 \text{ t} \checkmark$$

$$8 \cdot 2,300 \text{ t} = 18,400 \text{ t} \checkmark$$

$$8 \cdot 4,120 \text{ t} = 32,960 \text{ t} \checkmark$$

$$8 \cdot 2,025 \text{ t} = 16,200 \text{ t} \checkmark$$

$$8 \cdot 7,100 \text{ t} = 56,800 \text{ t} \checkmark$$

$$8 \cdot 5,050 \text{ t} = 40,400 \text{ t} \checkmark$$

$$8 \cdot 8,005 \text{ t} = 64,040 \text{ t} \checkmark$$

5.6.1964

40) $3 \text{ DM} : 2 = 1,50 \text{ DM} \checkmark$

$7 \text{ DM} : 2 = 3,50 \text{ DM} \checkmark$

$9 \text{ DM} : 2 = 4,50 \text{ DM} \checkmark$

$11 \text{ DM} : 2 = 5,50 \text{ DM} \checkmark$

$17 \text{ DM} : 2 = 8,50 \text{ DM} \checkmark$

$23 \text{ DM} : 2 = 11,50 \text{ DM} \checkmark$

$45 \text{ DM} : 2 = 22,50 \text{ DM} \checkmark$

$69 \text{ DM} : 2 = 34,50 \text{ DM} \checkmark$

$55 \text{ DM} : 2 = 27,50 \text{ DM} \checkmark$

$71 \text{ DM} : 2 = 35,50 \text{ DM} \checkmark$

$83 \text{ DM} : 2 = 41,50 \text{ DM} \checkmark$

8.6.1964

41.)c)

$9,000 \text{ kg} : 2 = \underline{4,500 \text{ kg}} \checkmark$

$25,000 \text{ kg} : 2 = \underline{12,500 \text{ kg}} \checkmark$

$72,000 \text{ kg} : 2 = \underline{36,000 \text{ kg}} \checkmark$

$5,100 \text{ kg} : 2 = 2,500 \text{ kg} + 0,050 \text{ kg} = \underline{2,550 \text{ kg}} \checkmark$

$8,900 \text{ kg} : 2 = 4,000 \text{ kg} + 0,450 \text{ kg} = 4,450 \text{ kg}$

8.6.1964

41.)c)

$9,000 \text{ kg} : 2 = \underline{4,500 \text{ kg}} \checkmark$

$25,000 \text{ kg} : 2 = \underline{12,500 \text{ kg}} \checkmark$

$72,000 \text{ kg} : 2 = \underline{36,000 \text{ kg}} \checkmark$

$5,100 \text{ kg} : 2 = 2,500 \text{ kg} + 0,050 \text{ kg} = \underline{2,550 \text{ kg}} \checkmark$

$8,900 \text{ kg} : 2 = 4,000 \text{ kg} + 0,450 \text{ kg} = \underline{4,450 \text{ kg}} \checkmark$

$2,350 \text{ kg} : 2 = 1,000 \text{ kg} + 0,175 \text{ kg} = \underline{1,175 \text{ kg}} \checkmark$

$6,450 \text{ kg} : 2 = 3,000 \text{ kg} + 0,225 \text{ kg} = \underline{3,225 \text{ kg}} \checkmark$

$4,750 \text{ kg} : 2 = 2,000 \text{ kg} + 0,375 \text{ kg} = \underline{2,375 \text{ kg}} \checkmark$

$14,850 \text{ kg} : 2 = 7,000 \text{ kg} + 0,425 \text{ kg} = \underline{7,425 \text{ kg}} \checkmark$

$11,200 \text{ kg} : 2 = 5,500 \text{ kg} + 0,100 \text{ kg} = \underline{5,600 \text{ kg}} \checkmark$

9.6.1964

- 43)a) 4,00 DM : 4 = 1,00 DM ↓
5,00 DM : 4 = 1,25 DM ↓
6,80 DM : 4 = 1,70 DM ↓
8,20 DM : 4 = 2,05 DM ↓
7,00 DM : 4 = 1,75 DM ↓
7,60 DM : 4 = 1,90 DM ↓
9,00 DM : 4 = 2,25 DM ↓
11,00 DM : 4 = 2,75 DM ↓
12,84 DM : 4 = 3,21 DM ↓

10.6.1964

- 43)c) 7,50 m : 5 = 1,50 m ↓
1,75 m : 5 = 0,35 m ↓
4,70 m : 5 = 0,94 m ↓
10,60 m : 5 = 2,12 m ↓
14,00 m : 5 = 2,80 m ↓
21,00 m : 5 = 4,20 m ↓
11,50 m : 5 = 2,30 m ↓
18,00 m : 5 = 3,60 m ↓
12,50 m : 5 = 2,50 m ↓