

1. Rechne in die angegebenen Masseneinheiten um.

a

3 Fr. =	300	Rp.	$\frac{1}{100}$ Fr. =	1	Rp.
4.50 Fr. =	450	Rp.	$\frac{5}{100}$ Fr. =	5	Rp.
660 Rp. =	6.60	Fr.	$\frac{1}{10}$ Fr. =	10	Rp.
805 Rp. =	8.05	Fr.	$\frac{7}{10}$ Fr. =	70	Rp.
1700 Rp. =	17	Fr.	$\frac{35}{100}$ Fr. =	35	Rp.

b

5 kg =	5000	g	$\frac{1}{1000}$ kg =	1	g
6.2 kg =	6200	g	$\frac{1}{100}$ kg =	10	g
100 000 g =	100	kg	$\frac{1}{10}$ kg =	100	g
2500 g =	2.5	kg	$\frac{1}{2}$ kg =	500	g
8350 g =	8.35	kg	$\frac{1}{4}$ kg =	250	g

c

5.3 m =	530	cm	$\frac{1}{10}$ m =	10	cm
1.9 km =	1900	m	$\frac{1}{100}$ m =	1	cm
1100 m =	1.1	km	$\frac{1}{1000}$ m =	1	mm
560 cm =	5.6	m	$\frac{1}{2}$ km =	500	m
2500 mm =	2.5	m	$\frac{1}{100}$ km =	10	m

d

0.5 l =	5	dl	$\frac{1}{100}$ l =	1	cl
1.25 l =	125	cl	$\frac{1}{1000}$ l =	1	ml
50 cl =	0.5	l	$\frac{1}{10}$ l =	1	dl
3 dl =	0.3	l	$\frac{1}{2}$ l =	50	cl
200 ml =	0.2	l	$\frac{1}{5}$ l =	20	cl

e

2 d =	48	h	$\frac{1}{6}$ h =	10	min
6 h =	360	min	$\frac{3}{2}$ h =	90	min
8 min =	480	s	$\frac{7}{60}$ h =	7	min
300 min =	5	h	$\frac{1}{10}$ min =	6	s
600 s =	10	min	$\frac{1}{3}$ min =	20	s

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a

7.5 Fr. =	750	Rp.	$\frac{1}{20}$ Fr. =	5	Rp.
20 Rp. =	0.20	Fr.	$\frac{3}{4}$ Fr. =	75	Rp.
120 000 Rp. =	1200	Fr.	$\frac{9}{50}$ Fr. =	18	Rp.
8050 Rp. =	80.50	Fr.	$\frac{2}{25}$ Fr. =	8	Rp.
5 Rp. =	0.05	Fr.	$\frac{13}{20}$ Fr. =	65	Rp.

b

4.6 kg =	4600	g	$\frac{9}{10}$ kg =	900	g
0.004 kg =	4	g	$\frac{13}{100}$ kg =	130	g
810 g =	0.81	kg	$\frac{3}{8}$ kg =	375	g
30 030 g =	30.03	kg	$\frac{11}{20}$ kg =	550	g
9 g =	0.009	kg	$\frac{7}{50}$ kg =	140	g

c

0.7 m =	700	mm	$\frac{3}{10}$ m =	30	cm
0.05 km =	50	m	$\frac{3}{5}$ m =	600	mm
34 mm =	3.4	cm	$\frac{11}{20}$ km =	550	m
910 mm =	0.91	m	$\frac{31}{100}$ km =	310	m
22 m =	0.022	km	$\frac{4}{25}$ m =	16	cm

d

0.4 l =	40	cl	$\frac{13}{100}$ l =	130	ml
4.2 l =	4200	ml	$\frac{5}{8}$ l =	625	ml
6 cl =	0.06	l	$\frac{4}{5}$ l =	80	cl
33 dl =	3.3	l	$\frac{7}{100}$ l =	70	ml
12 ml =	0.012	l	$\frac{2}{5}$ cl =	4	ml

e

30 min =	$\frac{1}{2}$ / 0.5	h	$\frac{9}{10}$ h =	54	min
15 min =	$\frac{1}{4}$ / 0.25	h	$\frac{3}{5}$ h =	36	min
90 s =	$1\frac{1}{2}$ / 1.5	min	$\frac{7}{12}$ min =	35	s
6 s =	$\frac{1}{10}$ / 0.1	min	$\frac{17}{20}$ min =	51	s
12 h =	$\frac{1}{2}$ / 0.5	d	$\frac{3}{4}$ d =	18	h

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a

$$0.015 \text{ m} = 1.5 \text{ cm}$$

$$97.5 \text{ m} = 0.0975 \text{ km}$$

$$12.5 \text{ mm} = 1.25 \text{ cm}$$

$$0.313 \text{ m} = 3.13 \text{ dm}$$

$$4 \text{ m } 40 \text{ mm} = 40.4 \text{ dm}$$

$$\frac{31}{20} \text{ m} = 155 \text{ cm}$$

$$\frac{7}{40} \text{ km} = 175 \text{ m}$$

$$\frac{19}{200} \text{ m} = 95 \text{ mm}$$

$$\frac{2}{25} \text{ dm} = 8 \text{ mm}$$

$$\frac{1}{4} \text{ cm} = 2.5 \text{ mm}$$

b

$$0.006 \text{ l} = 0.06 \text{ dl}$$

$$5.4 \text{ hl} = 540 \text{ l}$$

$$2.4 \text{ cl} = 0.024 \text{ l}$$

$$4.6 \text{ l} = 0.046 \text{ hl}$$

$$17 \text{ l } 9 \text{ ml} = 1700.9 \text{ cl}$$

$$\frac{30}{50} \text{ l} = 6 \text{ dl}$$

$$\frac{9}{25} \text{ hl} = 36 \text{ l}$$

$$\frac{9}{8} \text{ l} = 1125 \text{ ml}$$

$$\frac{13}{50} \text{ l} = 260 \text{ ml}$$

$$\frac{3}{8} \text{ hl} = 37.5 \text{ l}$$

c

$$0.3 \text{ h} = 18 \text{ min}$$

$$7.2 \text{ h} = 432 \text{ min}$$

$$12 \text{ min} = \frac{1}{5} / 0.2 \text{ h}$$

$$72 \text{ min} = 1\frac{1}{5} / 1.2 \text{ h}$$

$$150 \text{ min} = 2\frac{1}{2} / 2.5 \text{ h}$$

$$\frac{17}{10} \text{ h} = 102 \text{ min}$$

$$\frac{8}{3} \text{ h} = 160 \text{ min}$$

$$\frac{1}{100} \text{ h} = 36 \text{ s}$$

$$\frac{23}{30} \text{ h} = 46 \text{ min}$$

$$\frac{23}{20} \text{ h} = 69 \text{ min}$$

d

$$0.4 \text{ min} = 24 \text{ s}$$

$$4.2 \text{ min} = 252 \text{ s}$$

$$6 \text{ s} = \frac{1}{10} / 0.1 \text{ min}$$

$$36 \text{ s} = \frac{3}{5} / 0.6 \text{ min}$$

$$570 \text{ s} = 9\frac{1}{2} / 9.5 \text{ min}$$

$$\frac{7}{4} \text{ min} = 105 \text{ s}$$

$$\frac{1}{8} \text{ min} = 7.5 \text{ s}$$

$$\frac{9}{10} \text{ min} = 54 \text{ s}$$

$$\frac{50}{100} \text{ min} = 30 \text{ s}$$

$$\frac{6}{5} \text{ min} = 72 \text{ s}$$

e

$$0.5 \text{ d} = 12 \text{ h}$$

$$1.25 \text{ d} = 30 \text{ h}$$

$$6 \text{ h} = \frac{1}{4} / 0.25 \text{ d}$$

$$36 \text{ h} = 1\frac{1}{2} / 1.5 \text{ d}$$

$$60 \text{ h} = 2\frac{1}{2} / 2.5 \text{ d}$$

$$\frac{9}{2} \text{ d} = 108 \text{ h}$$

$$\frac{5}{6} \text{ d} = 20 \text{ h}$$

$$\frac{1}{10} \text{ d} = 144 \text{ min}$$

$$\frac{3}{8} \text{ d} = 9 \text{ h}$$

$$\frac{7}{3} \text{ d} = 56 \text{ h}$$