

ESKON

Ermittlung schulischer **Kompetenzen** bei **Neuzugezogenen**

MATHEMATIK

Lösungen 7 bis 9 Jahre Schulerfahrung

Name:

Aufgaben

1

a)

$$420 + 3 = 310 + 113$$

$$530 + 4 = 104 + 430$$

$$202 + 50 = 101 + 151$$

$$530 + 8 = 58 + 480$$

$$610 + 3 = 414 + 199$$

$$363 + 93 = 166 + 290$$

Name:

b)

$$33.3 + 303 + 30 = \underline{366.3}$$

$$0.4 + 700.8 + 20 = 721.2$$

$$5.5 + 6.6 + 7.7 = 19.8$$

$$400.2 + 300.9 + 400 = 1'101.1$$

$$66.6 + 6.6 + 6.66 = 79.86$$

Name:

2



2.5

>

-1

a)

-3

<

-1

0.100

<

0.95

-4.2

=

-4.20

Name:

b)

$88 \cdot 33$

 $=$

$66 \cdot 44$

$0.09 \cdot 99$

 $<$

$9.9 \cdot 9$

10^2

 $<$

2^{10}

Name:

3

$$60 : 15 = \underline{4} \quad \underline{3} \cdot 18 = 54 \quad 2 - \underline{-2} = 4$$

a)

$$3 + 5 \cdot 9 = 48 \quad (3 + 5) \cdot 9 = 72 \quad 3 \cdot 5 \cdot 9 = 135$$

$$3 \cdot 7 - 2 \cdot 8 = 5 \quad 3 \cdot (7 - 2) \cdot 8 = 120 \quad (3 \cdot 7 - 2) \cdot 8 = 152$$

$$0.3 \cdot 0.3 = 0.09 \quad 1.5 \cdot 1.1 = 1.65 \quad 2.5 : 0.5 = 5$$

$$25 : 50 = 0.5 \quad 1 : 5 = 0.2 \quad 2 : 4 = 0.5$$

b)

$$17 - 32 = -15 \quad 3 - 8 = -5 \quad 2 - -5 = 7$$

$$-2 \cdot 6 = -12 \quad -2 \cdot -6 = 12 \quad 49 : -7 = -7$$

$$3^2 = 9 \quad 2^3 = 8 \quad 10^4 = 10'000$$

Name:

4

$$250 \text{ cm} = \underline{2.5} \text{ m}$$

a)

$$0.5 \text{ l} = 500 \text{ ml}$$

$$80 \text{ g} = 0.08 \text{ kg}$$

$$12.4 \text{ m} = 1'240 \text{ cm}$$

$$3.5 \text{ t} = 3'500 \text{ kg}$$

$$2.5 \text{ h} = 150 \text{ min}$$

b)

$$4 \text{ m} + 130 \text{ cm} = 5.30 \text{ m}$$

$$35 \text{ min} - 300 \text{ s} = 30 \text{ min}$$

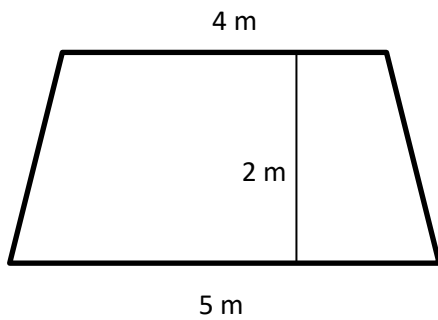
$$15.50 \text{ Fr.} + 24.50 \text{ Fr.} = 40 \text{ Fr.}$$

$$18.30 \text{ Fr.} - 8.60 \text{ Fr.} = 9.70 \text{ Fr.}$$

Name:

5

a)



Fläche = 9 m²

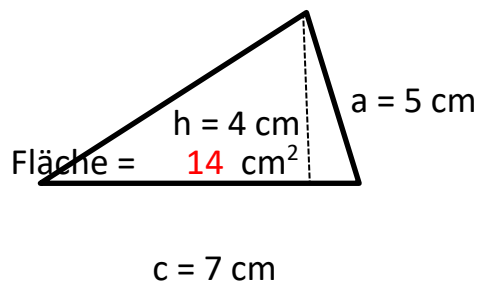
b)



$\gamma = 50^\circ$

$\beta = 130^\circ$

c)



Name:

6

40 %

=

200

60 %

=

300

a)

100 %

=

600

20 %

=

120

80 %

=

400

30 %

=

150

Name:

b)

$$\boxed{15 \%} = \boxed{45}$$

$$\boxed{100 \%} = \boxed{300}$$

$$\boxed{40 \%} = \boxed{800}$$

$$\boxed{5 \%} = \boxed{100}$$