n|w Fachhochschule Nordwestschweiz
Pädagogische Hochschule

ESKON

Ermittlung schulischer Kompetenzen bei neu Zugezogenen

MATHEMATIK

Aufgabenset 7 bis 9 Jahre Schulerfahrung

Name:

Aufgaben

1

a)

420 + 3	=	310 + 113

530 + 4	=	104 + ___

202 + 50	=	101 + ___

530 + 8	=	58 + ___

610 + 3	=	414 + ___

363 + 93	=	166 + ___

Name:

b)

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

$$0.4 \quad + 700.8 \quad + \quad 20 \quad = \quad \underline{\hspace{1.5cm}}$$

$$5.5 \quad + \quad 6.6 \quad + \quad 7.7 \quad = \quad \underline{\hspace{1.5cm}}$$

$$400.2 \quad + 300.9 \quad + 400 \quad = \quad \underline{\hspace{1.5cm}}$$

$$66.6 \quad + \quad 6.6 \quad + \quad 6.66 = \quad \underline{\hspace{1.5cm}}$$

Name:

2

| > | < | = |

| 2.5 | > | − 1 |

a)

| − 3 | | − 1 |

| 0.1 | | 0.95 |

| − 4.2 | | − 4.20 |

Name:

b)

88 • 33		66 • 44

0.09 • 99		9.9 • 9

10^2		2^{10}

Name:

3

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

a)

$3 + 5 \cdot 9 = \underline{}$ $(3 + 5) \cdot 9 = \underline{}$ $3 \cdot 5 \cdot 9 = \underline{}$

$3 \cdot 7 - 2 \cdot 8 = \underline{}$ $3 \cdot (7 - 2) \cdot 8 = \underline{}$ $(3 \cdot 7 - 2) \cdot 8 = \underline{}$

$0.3 \cdot 0.3 = \underline{}$ $1.5 \cdot 1.1 = \underline{}$ $2.5 : 0.5 = \underline{}$

$25 : 50 = \underline{}$ $\underline{} : 5 = 0.2$ $2 : \underline{} = 0.5$

b)

$17 - 32 = \underline{}$ $\underline{} - 8 = -5$ $2 - \underline{} = 7$

$-2 \cdot 6 = \underline{}$ $-2 \cdot -6 = \underline{}$ $49 : -7 = \underline{}$

$3^2 = \underline{}$ $2^3 = \underline{}$ $10^4 = \underline{}$

Name:

4

250 cm   = 2.5 m

a)

0.5 l   = _____ ml

80 g   = _____ kg

12.4 m   = _____ cm

3.5 t   = _____ kg

2.5 h   = _____ min

b)

4 m + _____ cm   = 5.30 m   35 min − _____ s   = 30 min

15.50 Fr. + _____ Fr.   = 40 Fr.   18.30 Fr. − _____ Fr. = 9.70 Fr.

Name:

5

a)

4 m

2 m

5 m

Fläche = _____ m²

b)

γ

α = 50°

β

γ = _____ °

β = _____ °

c)

h = 4 cm

a = 5 cm

c = 7 cm
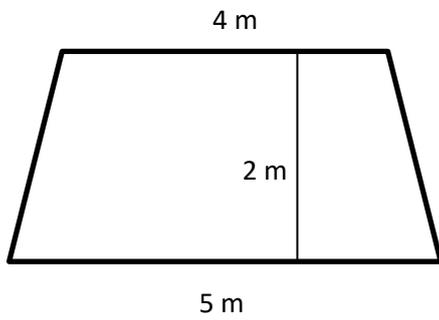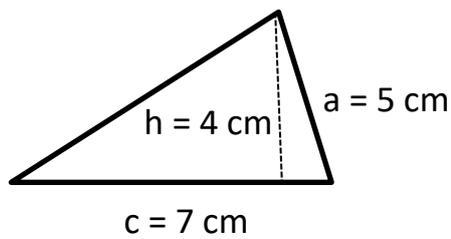
Fläche = _____ cm²

Name:

6

40 %	=	200

60 %	=	<u>300</u>

a)

100 %	=	600

20 %	=	_____

80 %	=	400

30 %	=	_____

Name:

b)

15 %	=	45

100 %	=	____

40 %	=	800

___ %	=	100