Mathematik 4,   
Arbeitsheft "Multiplikation und Division"

((3))

# Multiplizieren

## 1. Ergänze die fehlenden Zahlen.

**a.)**

Bsp.: 10 \*1000 =10'000

10 \*10 = \_...\_

100 \*100 = \_...\_

1000 \*1000 = \_...\_

10'000 \*10 = \_...\_

**b.)**

7 \*1000 = \_...\_

47 \*100 = \_...\_

47 \*10'000 = \_...\_

100 \*51 = \_...\_

100 \*5100 = \_...\_

**c.)**

\_...\_ \*100 =1000

\_...\_ \*10 =100'000

\_...\_ \*1000 =10'000

\_...\_ \*100 =0

\_...\_ \*1000 =1000

**d.)**

\_...\_ \*10 =3500

\_...\_ \*10 =305'000

\_...\_ \*100 =30'500

\_...\_ \*10 =30'050

\_...\_ \*100 =355'000

**e.)**

10 \* \_...\_ =2060

100 \* \_...\_ =20'600

1000 \* \_...\_ =206'000

10 \* \_...\_ =26'000

100 \* \_...\_ =2600

**f.)**

19 \* \_...\_ =19'000

190 \* \_...\_ =1900

19 \* \_...\_ =1900

57 \* \_...\_ =5700

5700 \* \_...\_ =570'000

**g.)**

140'000 =14 \* \_...\_

104'000 =104 \* \_...\_

70'000 =7000 \* \_...\_

79'000 =790 \* \_...\_

790'000 =79'000 \* \_...\_

**h.)**

71'150 =10 \* \_...\_

71'000 =1000 \* \_...\_

80'600 =100 \* \_...\_

86'000 =100 \* \_...\_

806'000 =10 \* \_...\_

## Wie hoch ist ein dreistöckiges Haus?

Am besten passt:

\_...\_ 3 m \_...\_ 9 m \_...\_ 30 m \_...\_ 90 m

((4))

## 2. Rechne die verwandten Rechnungen aus. Finde weitere verwandte Rechnungen.

**a.)** 9 \*6 =54

Deshalb weiss ich auch:

9 \*60 = \_...\_

9 \*600 = \_...\_

9 \*6000 = \_...\_

9 \*60'000 = \_...\_

**b.)** 7 \*4 =28

Deshalb weiss ich auch:

70 \*4 = \_...\_

700 \*4 = \_...\_

7000 \*4 = \_...\_

70'000 \*4 = \_...\_

**c.)** 3 \*8 =24

Deshalb weiss ich auch:

3 \*800 = \_...\_

3 \*8000 = \_...\_

30 \*8 = \_...\_

30 \*80 = \_...\_

**d.)** 4 \*2 = \_...\_

Deshalb weiss ich auch:

4 \*200 = \_...\_

4 \*200'000 = \_...\_

4 \*20'000 = \_...\_

40 \*200 = \_...\_

**e.)** 2 \*5 = \_...\_

Deshalb weiss ich auch:

2000 \*5 = \_...\_

20'000 \*5 = \_...\_

20 \*5 = \_...\_

20 \*500 = \_...\_

**f.)** 9 \*3 = \_...\_

Deshalb weiss ich auch:

9 \*300 = \_...\_

9 \*3000 = \_...\_

90'000 \*3 = \_...\_

900 \*30 = \_...\_

**g.)** 9 \*7 = \_...\_

Deshalb weiss ich auch:

900 \*7 = \_...\_

9000 \*7 = \_...\_

700 \*9 = \_...\_

700 \*90 = \_...\_

**h.)** 5 \*6 = \_...\_

Deshalb weiss ich auch:

500 \*6 = \_...\_

5 \*600 = \_...\_

50'000 \*6 = \_...\_

500 \*600 = \_...\_

**i.)** 4 \*9 = \_...\_

Deshalb weiss ich auch:

4 \*900 = \_...\_

400 \*900 = \_...\_

40'000 \*9 = \_...\_

9 \*400 = \_...\_

**j.)** 6 \*4 = \_...\_

Deshalb weiss ich auch:

40'000 \*6 = \_...\_

\_...\_ \* \_...\_ = \_...\_

\_...\_ \* \_...\_ = \_...\_

\_...\_ \* \_...\_ = \_...\_

**k.)** 7 \*8 = \_...\_

Deshalb weiss ich auch:

7 \*8000 = \_...\_

\_...\_ \* \_...\_ = \_...\_

\_...\_ \* \_...\_ = \_...\_

\_...\_ \* \_...\_ = \_...\_

**l.)** 10 \*10 = \_...\_

Deshalb weiss ich auch:

10'000 \*10 = \_...\_

\_...\_ \* \_...\_ = \_...\_

\_...\_ \* \_...\_ = \_...\_

\_...\_ \* \_...\_ = \_...\_

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## 3. Rechne aus und trage die Resultate in die Stellenwerttafeln ein.

**a.1)** 10 \*237 =2370

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: **2**

H: **3**

Z: **7**

E: **0**

**a.2)** 1000 \*237 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**a.3)** 1 \*237 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**a.4)** 100 \*237 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**a.5)** 0 \*237 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**b.1)** 10 \*8800 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**b.2)** 100 \*88 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**b.3)** 10 \*39 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**b.4)** 100 \*105 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**b.5)** 105 \*10 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**c.1)** 10 \*31 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**c.2)** 1000 \*31 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**c.3)** 100 \*31 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**c.4)** 100 \*315 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**c.5)** 1000 \*315 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**d.1)** 10 \*109 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**d.2)** 100 \*109 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**d.3)** 100 \*190 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**d.4)** 1000 \*109 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**d.5)** 100 \*1009 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**e.1)** 6 \*6 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**e.2)** 6 \*6000 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**e.3)** 60 \*6 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**e.4)** 60'000 \*6 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**e.5)** 60 \*60 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**f.1)** 9 \*800 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**f.2)** 9 \*80'000 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**f.3)** 9000 \*8 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**f.4)** 9 \*80 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**f.5)** 900 \*8 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**g.1)** 8000 \*2 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**g.2)** 8 \*200 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**g.3)** 8 \*200'000 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**g.4)** 80 \*200 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**g.5)** 800 \*200 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**h.1)** 6 \*70 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**h.2)** 6 \*7000 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**h.3)** 700 \*6 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**h.4)** 60'000 \*7 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

**h.5)** 600 \*70 = \_...\_

M: \_...\_

HT: \_...\_

ZT: \_...\_

T: \_...\_

H: \_...\_

Z: \_...\_

E: \_...\_

Was fällt dir auf? \_...\_