

Multiplizieren und dividieren mit Zehnerzahlen

Name: _____

1 a) $90 = \underline{\quad} \cdot 30$ b) $270 = \underline{\quad} \cdot 90$ c) $320 = \underline{\quad} \cdot 40$
 $150 = \underline{\quad} \cdot 30$ $540 = \underline{\quad} \cdot 90$ $360 = \underline{\quad} \cdot 40$
 $270 = \underline{\quad} \cdot 30$ $900 = \underline{\quad} \cdot 90$ $40 = \underline{\quad} \cdot 40$

Umkehraufgaben

2 a) $70 : 1 = \underline{\quad}$ b) $80 : 10 = \underline{\quad}$ c) $54 : 1 = \underline{\quad}$
 $700 : 100 = \underline{\quad}$ $\underline{\quad} \cdot 10 = 80$ $\underline{\quad} \cdot 1 = 54$
 $70 : 10 = \underline{\quad}$ $800 : 100 = \underline{\quad}$ $540 : 10 = \underline{\quad}$
 $\underline{\quad} \cdot 100 = 800$ $\underline{\quad} \cdot 10 = 540$

3 Rechne aus und schreibe zwei passende Aufgaben dazu.
 Beschreibe, was dir auffällt.

a) $500 : 100 = \underline{\quad}$ b) $300 : 10 = \underline{\quad}$
 $600 : 100 = \underline{\quad}$ $320 : 10 = \underline{\quad}$
 $700 : 100 = \underline{\quad}$ $340 : 10 = \underline{\quad}$
 $\underline{\quad} : \underline{\quad} = \underline{\quad}$ $\underline{\quad} : \underline{\quad} = \underline{\quad}$
 $\underline{\quad} : \underline{\quad} = \underline{\quad}$ $\underline{\quad} : \underline{\quad} = \underline{\quad}$

Die erste Zahl...
 Die Zweite Zahl...
 Der Quotient...

4 a) $16 : 4 = \underline{\quad}$ b) $36 : 6 = \underline{\quad}$ c) $45 : 5 = \underline{\quad}$
 $160 : 40 = \underline{\quad}$ $360 : 60 = \underline{\quad}$ $450 : 90 = \underline{\quad}$

Rechne auch die Probe (Umkehraufgabe).

d) $240 : 40 = \underline{\quad}$ e) $120 : 40 = \underline{\quad}$ f) $300 : 30 = \underline{\quad}$
 $\underline{\quad} \cdot \underline{\quad} = \underline{\quad}$ $\underline{\quad} \cdot \underline{\quad} = \underline{\quad}$ $\underline{\quad} \cdot \underline{\quad} = \underline{\quad}$
 $360 : 90 = \underline{\quad}$ $300 : 60 = \underline{\quad}$ $480 : 60 = \underline{\quad}$
 $\underline{\quad} \cdot \underline{\quad} = \underline{\quad}$ $\underline{\quad} \cdot \underline{\quad} = \underline{\quad}$ $\underline{\quad} \cdot \underline{\quad} = \underline{\quad}$
 $540 : 90 = \underline{\quad}$ $300 : 50 = \underline{\quad}$ $500 : 50 = \underline{\quad}$
 $\underline{\quad} \cdot \underline{\quad} = \underline{\quad}$ $\underline{\quad} \cdot \underline{\quad} = \underline{\quad}$ $\underline{\quad} \cdot \underline{\quad} = \underline{\quad}$
 $700 : 70 = \underline{\quad}$ $420 : 60 = \underline{\quad}$ $270 : 90 = \underline{\quad}$
 $\underline{\quad} \cdot \underline{\quad} = \underline{\quad}$ $\underline{\quad} \cdot \underline{\quad} = \underline{\quad}$ $\underline{\quad} \cdot \underline{\quad} = \underline{\quad}$

5 Alles durcheinander.

a) $24 : 4 = \underline{\quad}$
 $700 : 10 = \underline{\quad}$
 $30 \cdot 7 = \underline{\quad}$
 $4 \cdot 90 = \underline{\quad}$
 $21 : 7 = \underline{\quad}$

b) $3 \cdot 3 = \underline{\quad}$
 $30 : 3 = \underline{\quad}$
 $40 \cdot 90 = \underline{\quad}$
 $560 : 80 = \underline{\quad}$
 $\star 100 \cdot 20 = \underline{\quad}$

c) $3 : 3 = \underline{\quad}$
 $30 \cdot 3 = \underline{\quad}$
 $450 : 90 = \underline{\quad}$
 $50 \cdot 8 = \underline{\quad}$
 $200 : 20 = \underline{\quad}$

6 Schau genau.



a) $240 \cdot 10 = \underline{\quad}$
 $260 \cdot 100 = \underline{\quad}$
 $3000 : 10 = \underline{\quad}$
 $5600 : 80 = \underline{\quad}$
 $500 \cdot 60 = \underline{\quad}$

b) $320 \cdot 100 = \underline{\quad}$
 $900 \cdot 100 = \underline{\quad}$
 $5400 : 100 = \underline{\quad}$
 $3200 : 400 = \underline{\quad}$
 $800 \cdot 800 = \underline{\quad}$

Denke dir eigene Aufgaben aus.

c) $\underline{\quad} : \underline{\quad} = \underline{\quad}$
 $\underline{\quad} \cdot \underline{\quad} = \underline{\quad}$
 $\underline{\quad} : \underline{\quad} = \underline{\quad}$
 $\underline{\quad} : \underline{\quad} = \underline{\quad}$
 $\underline{\quad} \cdot \underline{\quad} = \underline{\quad}$

7 Rechnen mit Rest.



a) $23 : 4 = \underline{5 \text{ R } 3}$
 $230 : 40 = \underline{5 \text{ R } 30}$
 $35 : 9 = \underline{3 \text{ R } 8}$
 $350 : 90 = \underline{\quad}$
 $550 : 90 = \underline{\quad}$
 $650 : 70 = \underline{\quad}$
 $310 : 80 = \underline{\quad}$

b) $19 : 4 = \underline{4 \text{ R } 3}$
 $190 : 40 = \underline{4 \text{ R } 30}$
 $21 : 9 = \underline{2 \text{ R } 3}$
 $210 : 90 = \underline{\quad}$
 $680 : 90 = \underline{\quad}$
 $580 : 60 = \underline{\quad}$
 $410 : 50 = \underline{\quad}$

c) $480 : 70 = \underline{\quad}$
 $780 : 80 = \underline{\quad}$
 $320 : 50 = \underline{\quad}$
 $220 : 30 = \underline{\quad}$
 $580 : 90 = \underline{\quad}$
 $250 : 60 = \underline{\quad}$
 $110 : 20 = \underline{\quad}$
 $670 : 80 = \underline{\quad}$
 $340 : 60 = \underline{\quad}$

8

