

- b) Frage: Wie viele Kinder lernen ein Musikinstrument?  
 Rechnung:  $288 : 6 = 48$   
 Antwort: 48 Kinder lernen ein Musikinstrument.
- c) Frage: Wie viele Kinder haben ein Haustier?  
 Rechnung:  $288 : 3 = 96$   
 Antwort: 96 Kinder haben ein Haustier.
- d) Frage: Wie viele Kinder sind in der 4. Klasse?  
 Rechnung:  $288 : 8 = 36$   
 Antwort: 36 Kinder sind in der 4. Klasse.
- e) Frage: Wie viele Kinder gehen zu Fuß zur Schule?  
 Rechnung:  $288 : 2 = 144$   
 Antwort: 144 Kinder gehen zu Fuß zur Schule.

## Seite 72

2. a) 804, 1071, 1374      b) 1077, 703, 609  
 c) 408, 1012, 2904      d) 506, 1045, 3604  
 e) 4008, 60503, 80073
3.  $4830 : 7 = 690$
4. a) richtig      b) richtig      c)  $30170 : 7 = 4310$   
 d)  $6183 : 9 = 687$       e) richtig      f) richtig  
 g) richtig      h)  $21570 : 3 = 7190$
5. a)  $20172 : 4 = 5043$   
 An der Hunderterstelle die Null vergessen.  
 b)  $45290 : 7 = 6470$  Die letzte Null vergessen.  
 c)  $11052 : 3 = 3684$  Die Null vergessen.

## Seite 73

1. a)  $250 : 7 = 35$  R5  
 Jede Schule erhält 35 Frisbee-Scheiben.  
 b)  $130 : 7 = 18$  R4  
 Jede Schule bekommt 18 Pedalos.  
 c)  $465 : 7 = 66$  R3  
 Jede Schule bekommt 66 Bälle.
2. a)  $500 : 6 = 83$  R2  
 b)  $506 : 6 = 84$  R2 Nein, es bleibt ein Rest von 2.  
 c) Beispiel:  $504 : 6 = 84$
3. a) 1436 R2, 1077 R2, 862  
 b) 1437 R5, 1232 R3, 1078 R3  
 c) 1908 R2, 1908 R1, 1508 R1  
 d) 761 R2, 862 R4, 751 R1  
 e) 3617 R2, 3617 R3, 3618 R4
4. a) 765 R4, 5555 R5, 1111 R1  
 b) 7654 R3, 4444 R4, 4567 R8  
 c) 6666 R6, 1234 R5, 654 R3  
 d) 3333 R3, 3456 R6, 1234 R5  
 e) 444 R4, 2345 R6, 778
5. a)  $96 : 8 = 12$       b)  $254 : 10 = 25$  R4      c) 750
6. Beispiel:  $152 : 4 = 38$

7. a)  $5200 : 4 = 1300$       b)  $78300 : 100 = 783$   
 $1300 : 5 = 260$       c)  $938000 : 100 = 9380$   
 $260 : 5 = 52$       d)  $134000 : 100 = 1340$   
 $5200 : 100 = 52$       e)  $9700 : 100 = 97$

## Seite 74

1.  $12,72 \text{ €} : 3 = 4,24 \text{ €}$
2. a) 2,84 €; 5,55 €; 30,41 €  
 b) 7,05 €; 14,10 €; 28,20 €  
 c) 64,14 €; 32,07 €; 21,38 €  
 d) 7,80 €; 0,58 €; 17,77 €
3. Die Kartoffeln A sind am günstigsten.  
 1 kg kostet 0,58 €.
4. a)  $4,32 \text{ €} : 6 = 0,72 \text{ €}$   
 $1,78 \text{ €} : 2 = 0,89 \text{ €}$   
 Die Kartoffeln von OLA sind pro Kilogramm 17 ct günstiger.  
 b) Anna berechnet den Preis für 6 kg Kartoffeln bei Bauer Mohr und vergleicht die Preise. Die Kartoffeln von OLA sind 1,02 € günstiger.
5. Preis pro kg  
 $8,25 \text{ €} : 3 = 2,75 \text{ €}$   
 $13,20 \text{ €} : 5 = 2,64 \text{ €}$   
 $5,32 \text{ €} : 2 = 2,66 \text{ €}$   
 Die Packung Wuff ist am günstigsten.

## Seite 75

1. Verschiedene Lösungen.
2. a) A ESEL      B LOS      C SIEB      D GLEIS  
 E LIEBE      F SIEG      G LEISE
3. a) 252      b) 5000      c) 175      d) 0      e) 126  
 f) 635      g) 300      h) 7      i) 120
4. a)  $1 \cdot 7 = 7$        $11 \cdot 7 = 77$   
 $2 \cdot 7 = 14$        $12 \cdot 7 = 84$   
 $3 \cdot 7 = 21$        $13 \cdot 7 = 91$   
 $4 \cdot 7 = 28$        $14 \cdot 7 = 98$   
 $5 \cdot 7 = 35$        $15 \cdot 7 = 105$   
 $6 \cdot 7 = 42$        $16 \cdot 7 = 112$   
 $7 \cdot 7 = 49$        $17 \cdot 7 = 119$   
 $8 \cdot 7 = 56$        $18 \cdot 7 = 126$   
 $9 \cdot 7 = 63$        $19 \cdot 7 = 133$   
 $10 \cdot 7 = 70$        $20 \cdot 7 = 140$   
 b) 17 ist kein Vielfaches von 7.
5. Beispiele:  
 a) 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, ...  
 b) 25, 50, 75, 100, 125, ...  
 c) 75, 150, 225, 300, 375, ...  
 d) 250, 500, 750, 1000, 1250,  
 e) 14, 28, 42, 56, 70, ...  
 f) 20, 40, 60, 80, 100, ...

## Schriftlich dividieren mit Rest

**1** 350 gespendete Kinderbücher sollen gleichmäßig an vier Grundschulen verteilt werden.

Frage: Wie viele Bücher bekommt jede Schule?

Rechnung:

|   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|
| 3 | 5 | 0 | : | 4 | = | 8 | 7 | R | 2 |  |  |  |  |  |  |  |  |  |  |  |
| 3 | 2 |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   | 3 | 0 |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   | 2 | 8 |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   |   | 2 |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |



Antwort: Jede Schule bekommt 87 Bücher. Zwei Bücher bleiben übrig.

**2** a)  $418 : 8 = 52 \text{ R } 2$

|   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|
| 4 | 1 | 8 | : | 8 | = | 5 | 2 | R | 2 |  |  |  |  |  |  |  |  |  |  |  |
| 4 | 0 |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   | 1 | 8 |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   | 1 | 6 |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   |   | 2 |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |

b)  $771 : 9 = 85 \text{ R } 6$

|   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|
| 7 | 7 | 1 | : | 9 | = | 8 | 5 | R | 6 |  |  |  |  |  |  |  |  |  |  |  |
| 7 | 2 |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   | 5 | 1 |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   | 4 | 5 |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   |   | 6 |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |

c)  $400 : 7 = 57 \text{ R } 1$

|   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|
| 4 | 0 | 0 | : | 7 | = | 5 | 7 | R | 1 |  |  |  |  |  |  |  |  |  |  |  |
| 3 | 5 |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   | 5 | 0 |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   | 4 | 9 |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   |   | 1 |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |

d)  $500 : 6 = 83 \text{ R } 2$

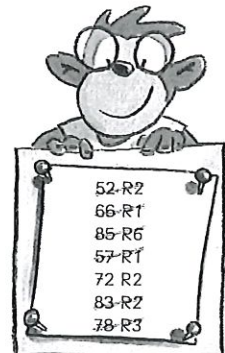
|   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|
| 5 | 0 | 0 | : | 6 | = | 8 | 3 | R | 2 |  |  |  |  |  |  |  |  |  |  |  |
| 4 | 8 |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   | 2 | 0 |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   | 1 | 8 |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   |   | 2 |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |

e)  $265 : 4 = 66 \text{ R } 1$

|   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|
| 2 | 6 | 5 | : | 4 | = | 6 | 6 | R | 1 |  |  |  |  |  |  |  |  |  |  |  |
| 2 | 4 |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   | 2 | 5 |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   | 2 | 4 |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   |   | 1 |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |

f)  $393 : 5 = 78 \text{ R } 3$

|   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|
| 3 | 9 | 3 | : | 5 | = | 7 | 8 | R | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 3 | 5 |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   | 4 | 3 |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   | 4 | 0 |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   |   | 3 |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |



Abbildungen: Theisen, Martina

**3** a)  $8345 : 4 = 2086 \text{ R } 1$

|   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|
| 8 | 3 | 4 | 5 | : | 4 | = | 2 | 0 | 8 | 6 | R | 1 |  |  |  |  |  |  |  |  |
| 8 |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
| 0 | 3 |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|   | 0 |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|   | 3 | 4 |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|   | 3 | 2 |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|   |   | 2 | 5 |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|   |   | 2 | 4 |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|   |   |   | 1 |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |

b)  $9445 : 8 = 1180 \text{ R } 5$

|   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|
| 9 | 4 | 4 | 5 | : | 8 | = | 1 | 1 | 8 | 0 | R | 5 |  |  |  |  |  |  |  |  |
| 8 |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
| 1 | 4 |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|   | 8 |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|   | 6 | 4 |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|   | 6 | 4 |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|   |   | 0 | 5 |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|   |   |   | 0 |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|   |   |   | 5 |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |

c)  $8752 : 5 = 1750 \text{ R } 2$

|   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|
| 8 | 7 | 5 | 2 | : | 5 | = | 1 | 7 | 5 | 0 | R | 2 |  |  |  |  |  |  |  |  |
| 5 |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
| 3 | 7 |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
| 3 | 5 |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|   | 2 | 5 |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|   | 2 | 5 |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|   |   | 0 | 2 |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|   |   |   | 0 |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|   |   |   | 2 |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |

d)  $7208 : 6 = 1201 \text{ R } 2$

|   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|
| 7 | 2 | 0 | 8 | : | 6 | = | 1 | 2 | 0 | 1 | R | 2 |  |  |  |  |  |  |  |  |
| 6 |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
| 1 | 2 |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
| 1 | 2 |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|   | 0 | 0 |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|   |   | 0 |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|   |   | 0 | 8 |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|   |   |   | 6 |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|   |   |   | 2 |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |

|         |
|---------|
| 1204-R2 |
| 2806-R4 |
| 1750-R2 |
| 1480-R5 |
| 2086-R1 |



Schriftlich dividieren – Nullen im Ergebnis

1 Beachte die Nullen im Ergebnis. Überprüfe mit der Umkehraufgabe als Probe.

a)  $832 : 4 = 208$

|   |   |   |   |   |   |        |   |   |   |   |   |
|---|---|---|---|---|---|--------|---|---|---|---|---|
| 8 | 3 | 2 | : | 4 | = | 2      | 0 | 8 |   |   |   |
| 8 |   |   |   |   |   |        |   |   |   |   |   |
| 0 | 3 |   |   |   |   |        |   |   |   |   |   |
|   | 0 |   |   |   |   |        |   |   |   |   |   |
|   | 3 | 2 |   |   |   | Probe: | 2 | 0 | 8 | · | 4 |
|   | 3 | 2 |   |   |   |        |   |   | 8 | 3 | 2 |
|   |   | 0 |   |   |   |        |   |   |   |   |   |

b)  $918 : 3 = 306$

|   |   |   |   |   |   |        |   |   |   |   |   |
|---|---|---|---|---|---|--------|---|---|---|---|---|
| 9 | 1 | 8 | : | 3 | = | 3      | 0 | 6 |   |   |   |
| 9 |   |   |   |   |   |        |   |   |   |   |   |
| 0 | 1 |   |   |   |   |        |   |   |   |   |   |
|   | 0 |   |   |   |   |        |   |   |   |   |   |
|   | 1 | 8 |   |   |   | Probe: | 3 | 0 | 6 | · | 3 |
|   | 1 | 8 |   |   |   |        |   |   | 9 | 1 | 8 |
|   |   | 0 |   |   |   |        |   |   |   |   |   |

c)  $1442 : 7 = 206$

|   |   |   |   |   |   |        |   |   |   |   |   |   |
|---|---|---|---|---|---|--------|---|---|---|---|---|---|
| 1 | 4 | 4 | 2 | : | 7 | =      | 2 | 0 | 6 |   |   |   |
| 1 | 4 |   |   |   |   |        |   |   |   |   |   |   |
|   | 0 | 4 |   |   |   |        |   |   |   |   |   |   |
|   |   | 0 |   |   |   |        |   |   |   |   |   |   |
|   |   | 4 | 2 |   |   | Probe: | 2 | 0 | 6 | · | 7 |   |
|   |   | 4 | 2 |   |   |        |   |   | 1 | 4 | 4 | 2 |
|   |   |   | 0 |   |   |        |   |   |   |   |   |   |

d)  $7256 : 8 = 907$

|   |   |   |   |   |   |        |   |   |   |   |   |   |
|---|---|---|---|---|---|--------|---|---|---|---|---|---|
| 7 | 2 | 5 | 6 | : | 8 | =      | 9 | 0 | 7 |   |   |   |
| 7 | 2 |   |   |   |   |        |   |   |   |   |   |   |
|   | 0 | 5 |   |   |   |        |   |   |   |   |   |   |
|   |   | 0 |   |   |   |        |   |   |   |   |   |   |
|   |   | 5 | 6 |   |   | Probe: | 9 | 0 | 7 | · | 8 |   |
|   |   | 5 | 6 |   |   |        |   |   | 7 | 2 | 5 | 6 |
|   |   |   | 0 |   |   |        |   |   |   |   |   |   |

e)  $4332 : 4 = 1083$

|   |   |   |   |   |   |        |   |   |   |   |   |   |
|---|---|---|---|---|---|--------|---|---|---|---|---|---|
| 4 | 3 | 3 | 2 | : | 4 | =      | 1 | 0 | 8 | 3 |   |   |
| 4 |   |   |   |   |   |        |   |   |   |   |   |   |
| 0 | 3 |   |   |   |   |        |   |   |   |   |   |   |
|   | 0 |   |   |   |   |        |   |   |   |   |   |   |
|   |   | 3 | 2 |   |   |        |   |   |   |   |   |   |
|   |   | 3 | 2 |   |   | Probe: | 1 | 0 | 8 | 3 | · | 4 |
|   |   |   | 1 | 2 |   |        |   |   | 4 | 3 | 3 | 2 |
|   |   |   | 1 | 2 |   |        |   |   |   |   |   |   |
|   |   |   |   | 0 |   |        |   |   |   |   |   |   |

f)  $7242 : 6 = 1207$

|   |   |   |   |   |   |        |   |   |   |   |   |   |
|---|---|---|---|---|---|--------|---|---|---|---|---|---|
| 7 | 2 | 4 | 2 | : | 6 | =      | 1 | 2 | 0 | 7 |   |   |
| 6 |   |   |   |   |   |        |   |   |   |   |   |   |
| 1 | 2 |   |   |   |   |        |   |   |   |   |   |   |
| 1 | 2 |   |   |   |   |        |   |   |   |   |   |   |
|   | 0 | 4 |   |   |   |        |   |   |   |   |   |   |
|   |   | 0 |   |   |   | Probe: | 1 | 2 | 0 | 7 | · | 6 |
|   |   | 4 | 2 |   |   |        |   |   | 7 | 2 | 4 | 2 |
|   |   | 4 | 2 |   |   |        |   |   |   |   |   |   |
|   |   |   | 0 |   |   |        |   |   |   |   |   |   |

g)  $9783 : 9 = 1087$

|   |   |   |   |   |   |        |   |   |   |   |   |   |
|---|---|---|---|---|---|--------|---|---|---|---|---|---|
| 9 | 7 | 8 | 3 | : | 9 | =      | 1 | 0 | 8 | 7 |   |   |
| 9 |   |   |   |   |   |        |   |   |   |   |   |   |
| 0 | 7 |   |   |   |   |        |   |   |   |   |   |   |
|   | 0 |   |   |   |   |        |   |   |   |   |   |   |
|   |   | 7 | 2 |   |   |        |   |   |   |   |   |   |
|   |   | 7 | 2 |   |   | Probe: | 1 | 0 | 8 | 7 | · | 9 |
|   |   |   | 6 | 3 |   |        |   |   | 9 | 7 | 8 | 3 |
|   |   |   | 6 | 3 |   |        |   |   |   |   |   |   |
|   |   |   |   | 0 |   |        |   |   |   |   |   |   |

h)  $9535 : 5 = 1907$

|   |   |   |   |   |   |        |   |   |   |   |   |   |
|---|---|---|---|---|---|--------|---|---|---|---|---|---|
| 9 | 5 | 3 | 5 | : | 5 | =      | 1 | 9 | 0 | 7 |   |   |
| 5 |   |   |   |   |   |        |   |   |   |   |   |   |
| 4 | 5 |   |   |   |   |        |   |   |   |   |   |   |
| 4 | 5 |   |   |   |   |        |   |   |   |   |   |   |
|   | 0 | 3 |   |   |   |        |   |   |   |   |   |   |
|   |   | 0 |   |   |   | Probe: | 1 | 9 | 0 | 7 | · | 5 |
|   |   | 3 | 5 |   |   |        |   |   | 9 | 5 | 3 | 5 |
|   |   | 3 | 5 |   |   |        |   |   |   |   |   |   |
|   |   |   | 0 |   |   |        |   |   |   |   |   |   |

2 Kreuze an, wenn das Ergebnis richtig ist. Überprüfe mit der Umkehraufgabe als Probe.

a)  $30111 : 3 = 10037$

|   |   |   |   |   |   |   |  |  |  |  |
|---|---|---|---|---|---|---|--|--|--|--|
| 1 | 0 | 0 | 3 | 7 | · | 6 |  |  |  |  |
|   |   | 6 | 0 | 2 | 2 | 2 |  |  |  |  |

b)  $50344 : 4 = 12586$

|   |   |   |   |   |   |   |  |  |  |  |
|---|---|---|---|---|---|---|--|--|--|--|
| 1 | 2 | 5 | 8 | 6 | · | 4 |  |  |  |  |
|   |   | 5 | 0 | 3 | 4 | 4 |  |  |  |  |

c)  $22728 : 8 = 2881$

|   |   |   |   |   |   |   |  |  |  |  |
|---|---|---|---|---|---|---|--|--|--|--|
| 2 | 8 | 8 | 1 | · | 8 |   |  |  |  |  |
|   |   | 2 | 3 | 0 | 4 | 8 |  |  |  |  |

d)  $49302 : 9 = 5478$

|   |   |   |   |   |   |   |  |  |  |  |
|---|---|---|---|---|---|---|--|--|--|--|
| 5 | 4 | 7 | 8 | · | 9 |   |  |  |  |  |
|   |   | 4 | 9 | 3 | 0 | 2 |  |  |  |  |

e)  $16428 : 6 = 2618$

|   |   |   |   |   |   |   |  |  |  |  |
|---|---|---|---|---|---|---|--|--|--|--|
| 2 | 6 | 1 | 8 | · | 6 |   |  |  |  |  |
|   |   | 1 | 5 | 7 | 0 | 8 |  |  |  |  |

f)  $182973 : 7 = 25139$

|   |   |   |   |   |   |   |   |  |  |  |
|---|---|---|---|---|---|---|---|--|--|--|
| 2 | 5 | 1 | 3 | 9 | · | 7 |   |  |  |  |
|   |   | 1 | 7 | 5 | 9 | 7 | 3 |  |  |  |

Schriftlich dividieren – Nullen im Ergebnis

Achte auf die Null.

1 a)  $212 : 2 = 106$

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 2 | 1 | 2 | : | 2 | = | 1 | 0 | 6 |
| 2 |   |   |   |   |   |   |   |   |
| 0 | 1 |   |   |   |   |   |   |   |
|   | 0 |   |   |   |   |   |   |   |
|   | 1 | 2 |   |   |   |   |   |   |
|   | 1 | 2 |   |   |   |   |   |   |
|   |   | 0 |   |   |   |   |   |   |

b)  $412 : 2 = 206$

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 4 | 1 | 2 | : | 2 | = | 2 | 0 | 6 |
| 4 |   |   |   |   |   |   |   |   |
| 0 | 1 |   |   |   |   |   |   |   |
|   | 0 |   |   |   |   |   |   |   |
|   | 1 | 2 |   |   |   |   |   |   |
|   | 1 | 2 |   |   |   |   |   |   |
|   |   | 0 |   |   |   |   |   |   |

c)  $614 : 2 = 307$

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 6 | 1 | 4 | : | 2 | = | 3 | 0 | 7 |
| 6 |   |   |   |   |   |   |   |   |
| 0 | 1 |   |   |   |   |   |   |   |
|   | 0 |   |   |   |   |   |   |   |
|   | 1 | 4 |   |   |   |   |   |   |
|   | 1 | 4 |   |   |   |   |   |   |
|   |   | 0 |   |   |   |   |   |   |

d)  $312 : 3 = 104$

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 3 | 1 | 2 | : | 3 | = | 1 | 0 | 4 |
| 3 |   |   |   |   |   |   |   |   |
| 0 | 1 |   |   |   |   |   |   |   |
|   | 0 |   |   |   |   |   |   |   |
|   | 1 | 2 |   |   |   |   |   |   |
|   | 1 | 2 |   |   |   |   |   |   |
|   |   | 0 |   |   |   |   |   |   |

e)  $621 : 3 = 207$

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 6 | 2 | 1 | : | 3 | = | 2 | 0 | 7 |
| 6 |   |   |   |   |   |   |   |   |
| 0 | 2 |   |   |   |   |   |   |   |
|   | 0 |   |   |   |   |   |   |   |
|   | 2 | 1 |   |   |   |   |   |   |
|   | 2 | 1 |   |   |   |   |   |   |
|   |   | 0 |   |   |   |   |   |   |

f)  $615 : 3 = 205$

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 6 | 1 | 5 | : | 3 | = | 2 | 0 | 5 |
| 6 |   |   |   |   |   |   |   |   |
| 0 | 1 |   |   |   |   |   |   |   |
|   | 0 |   |   |   |   |   |   |   |
|   | 1 | 5 |   |   |   |   |   |   |
|   | 1 | 5 |   |   |   |   |   |   |
|   |   | 0 |   |   |   |   |   |   |

g)  $420 : 4 = 105$

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 4 | 2 | 0 | : | 4 | = | 1 | 0 | 5 |
| 4 |   |   |   |   |   |   |   |   |
| 0 | 2 |   |   |   |   |   |   |   |
|   | 0 |   |   |   |   |   |   |   |
|   | 2 | 0 |   |   |   |   |   |   |
|   | 2 | 0 |   |   |   |   |   |   |
|   |   | 0 |   |   |   |   |   |   |

h)  $812 : 4 = 203$

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 8 | 1 | 2 | : | 4 | = | 2 | 0 | 3 |
| 8 |   |   |   |   |   |   |   |   |
| 0 | 1 |   |   |   |   |   |   |   |
|   | 0 |   |   |   |   |   |   |   |
|   | 1 | 2 |   |   |   |   |   |   |
|   | 1 | 2 |   |   |   |   |   |   |
|   |   | 0 |   |   |   |   |   |   |

i)  $824 : 4 = 206$

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 8 | 2 | 4 | : | 4 | = | 2 | 0 | 6 |
| 8 |   |   |   |   |   |   |   |   |
| 0 | 2 |   |   |   |   |   |   |   |
|   | 0 |   |   |   |   |   |   |   |
|   | 2 | 4 |   |   |   |   |   |   |
|   | 2 | 4 |   |   |   |   |   |   |
|   |   | 0 |   |   |   |   |   |   |

◀ 104 105 106 203 205 206 207 208 307

Abbildungen: Thesen, Martina

2 a)  $2214 : 2 = 1107$

|   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 2 | 1 | 4 | : | 2 | = | 1 | 1 | 0 | 7 |
| 2 |   |   |   |   |   |   |   |   |   |   |
| 0 | 2 |   |   |   |   |   |   |   |   |   |
|   | 2 |   |   |   |   |   |   |   |   |   |
|   | 0 | 1 |   |   |   |   |   |   |   |   |
|   |   | 0 |   |   |   |   |   |   |   |   |
|   |   | 1 | 4 |   |   |   |   |   |   |   |
|   |   | 1 | 4 |   |   |   |   |   |   |   |
|   |   |   | 7 |   |   |   |   |   |   |   |

b)  $4126 : 2 = 2063$

|   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 1 | 2 | 6 | : | 2 | = | 2 | 0 | 6 | 3 |
| 4 |   |   |   |   |   |   |   |   |   |   |
| 0 | 1 |   |   |   |   |   |   |   |   |   |
|   | 0 |   |   |   |   |   |   |   |   |   |
|   | 1 | 2 |   |   |   |   |   |   |   |   |
|   | 1 | 2 |   |   |   |   |   |   |   |   |
|   |   | 0 | 6 |   |   |   |   |   |   |   |
|   |   |   | 6 |   |   |   |   |   |   |   |
|   |   |   | 0 |   |   |   |   |   |   |   |

c)  $3216 : 3 = 1072$

|   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 2 | 1 | 6 | : | 3 | = | 1 | 0 | 7 | 2 |
| 3 |   |   |   |   |   |   |   |   |   |   |
| 0 | 2 |   |   |   |   |   |   |   |   |   |
|   | 0 |   |   |   |   |   |   |   |   |   |
|   | 2 | 1 |   |   |   |   |   |   |   |   |
|   | 2 | 1 |   |   |   |   |   |   |   |   |
|   |   | 0 | 6 |   |   |   |   |   |   |   |
|   |   |   | 6 |   |   |   |   |   |   |   |
|   |   |   | 0 |   |   |   |   |   |   |   |

d)  $4828 : 4 = 1207$

|   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 8 | 2 | 8 | : | 4 | = | 1 | 2 | 0 | 7 |
| 4 |   |   |   |   |   |   |   |   |   |   |
| 0 | 8 |   |   |   |   |   |   |   |   |   |
|   | 8 |   |   |   |   |   |   |   |   |   |
|   | 0 | 2 |   |   |   |   |   |   |   |   |
|   |   | 0 |   |   |   |   |   |   |   |   |
|   |   | 2 | 8 |   |   |   |   |   |   |   |
|   |   | 2 | 8 |   |   |   |   |   |   |   |
|   |   |   | 0 |   |   |   |   |   |   |   |



◀ 1072 1107 1206 1207 2063

Auf die Nullen im Ergebnis achten.