

1

·		10		6	9	7			
8	40							160	
80		800						320	
40						280			
14			42						1 400

Bei **2** und **3** muss der Rest auch dividiert werden. Schreibe den Rest als ungekürzten Bruch. Beispiel: $59 : 8 = 7$ Rest 3 $3 : 8 = \frac{3}{8}$

2

$59 : 8 = 7 \frac{3}{8} \quad \text{K: } 7 \cdot 8 + 3 = 59$

3

$23 : 4 = 5 \frac{3}{4} \quad \text{K: } 5 \cdot 4 + 3 = 23$

$25 : 8 = \underline{\hspace{2cm}} \quad \text{K: } \underline{\hspace{2cm}} \quad 17 : 4 = \underline{\hspace{2cm}} \quad \text{K: } \underline{\hspace{2cm}}$

$45 : 8 = \underline{\hspace{2cm}} \quad \text{K: } \underline{\hspace{2cm}} \quad 26 : 4 = \underline{\hspace{2cm}} \quad \text{K: } \underline{\hspace{2cm}}$

$64 : 8 = \underline{\hspace{2cm}} \quad \text{K: } \underline{\hspace{2cm}} \quad 15 : 4 = \underline{\hspace{2cm}} \quad \text{K: } \underline{\hspace{2cm}}$

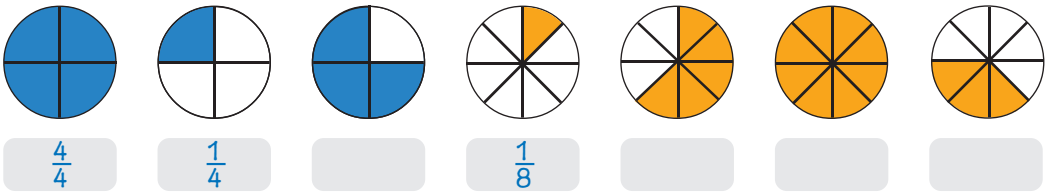
$34 : 8 = \underline{\hspace{2cm}} \quad \text{K: } \underline{\hspace{2cm}} \quad 36 : 4 = \underline{\hspace{2cm}} \quad \text{K: } \underline{\hspace{2cm}}$

$76 : 8 = \underline{\hspace{2cm}} \quad \text{K: } \underline{\hspace{2cm}} \quad 18 : 4 = \underline{\hspace{2cm}} \quad \text{K: } \underline{\hspace{2cm}}$

$23 : 8 = \underline{\hspace{2cm}} \quad \text{K: } \underline{\hspace{2cm}} \quad 35 : 4 = \underline{\hspace{2cm}} \quad \text{K: } \underline{\hspace{2cm}}$

$88 : 8 = \underline{\hspace{2cm}} \quad \text{K: } \underline{\hspace{2cm}} \quad 22 : 4 = \underline{\hspace{2cm}} \quad \text{K: } \underline{\hspace{2cm}}$

$62 : 8 = \underline{\hspace{2cm}} \quad \text{K: } \underline{\hspace{2cm}} \quad 3 : 4 = \underline{\hspace{2cm}} \quad \text{K: } \underline{\hspace{2cm}}$

4**5** Schreibe den Rest als Bruch.

Zahl y	64	50	32	35	44	90
$\frac{1}{4}y$	16	$12 \frac{2}{4} / 12 \frac{1}{2}$				
$\frac{1}{8}y$	8					
$\frac{1}{10}y$	$6 \frac{4}{10} / 6 \frac{2}{5}$					

Rechentrick bei \oplus plus*

Beispiel 1:

schwer: $196 + 278 =$

leicht: $200 + 274 = 474$

Erste Zahl $\oplus 4$

Zweite Zahl $\ominus 4$

Beispiel 2:

schwer: $574 + 398 =$

leicht: $572 + 400 = 972$

Zweite Zahl $\oplus 2$

Erste Zahl $\ominus 2$

1 $296 + 165 = 461$ ✓
300 / 161 / 461

2 $503 + 288 =$

3 $398 + 135 =$

$599 + 276 =$

$204 + 163 =$

$301 + 278 =$

$397 + 483 =$

$402 + 388 =$

$199 + 444 =$

$198 + 674 =$

$601 + 394 =$

$705 + 197 =$

4 $4^4 = 4 \cdot 4 \cdot 4 \cdot 4 = 256$

5 $8^2 =$ $=$

$4^3 =$ $=$

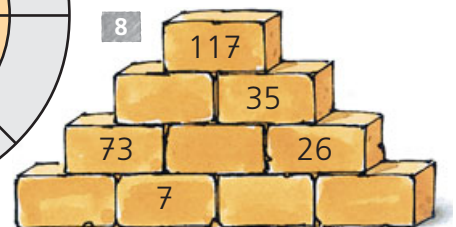
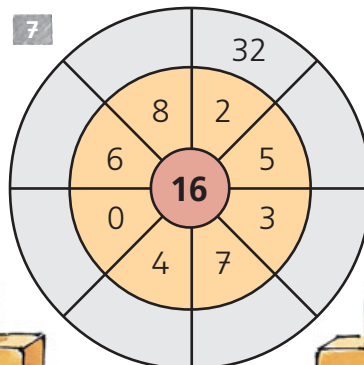
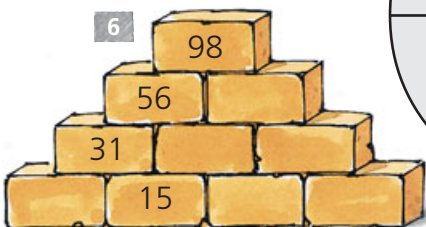
$10^4 =$ $=$

$5^2 =$ $=$

$3^3 =$ $=$

$2^4 =$ $=$

$6^2 =$ $=$



* An einfachen Zahlen überprüfen: $9 + 4 = 10 + 3$ oder: $18 + 9 = 17 + 10$

1 $3 \cdot 25 =$

$60/15$

$5 \cdot 25 =$

$8 \cdot 25 =$

2 $4 \cdot 25 =$

$6 \cdot 25 =$

$10 \cdot 25 =$

3 $9 \cdot 25 =$

$7 \cdot 25 =$

$12 \cdot 25 =$

4 **Merke:**

$4 \cdot 25 =$

$3 \cdot 25 =$

$10 \cdot 25 =$

$8 \cdot 25 =$

$6 \cdot 25 =$

$20 \cdot 25 =$

$16 \cdot 25 =$

$12 \cdot 25 =$

$40 \cdot 25 =$

Rechenrick bei \oplus (siehe Seite 7)

5 $399 + 238 =$

$257 + 698 =$

6 $12,99 \text{ €} + 4,50 \text{ €} =$

$16,20 \text{ €} + 3,98 \text{ €} =$

Rechne so weit du kannst. Fertig, los!

7 $3^2 + 1 =$

$3^3 + 3 =$

$3^4 + 9 =$

$3^5 + 7 =$

$3^6 + 1 =$

8 $10 \cdot 25 + 10 =$

$12 \cdot 25 + 20 =$

$14 \cdot 25 + 30 =$

$16 \cdot 25 + 40 =$

9 $4000 : 2 =$

$3800 : 2 =$

$3600 : 2 =$

$3400 : 2 =$





A	C	D	E	G	H	I	L	N	O	P	R	S	T	U	W	.
0	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{4}{5}$	1	16	87	144	169	196	225	300	388	585	600	625	1 000

$189 + 199 =$	<input type="text"/>	<input checked="" type="radio"/>	$494 - 350 =$	<input type="text"/>	<input type="radio"/>	$13^2 =$	<input type="text"/>	<input type="radio"/>
$14^2 =$	<input type="text"/>	<input checked="" type="radio"/>	$12^2 =$	<input type="text"/>	<input type="radio"/>	$\frac{1}{32} \cdot 8 =$	<input type="text"/>	<input type="radio"/>
$3 \cdot 75 =$	<input type="text"/>	<input checked="" type="radio"/>	$125 \cdot 5 =$	<input type="text"/>	<input type="radio"/>	$97 : \frac{1}{4} =$	<input type="text"/>	<input type="radio"/>
$4 : \frac{1}{4} =$	<input type="text"/>	<input checked="" type="radio"/>	$174 : 2 =$	<input type="text"/>	<input type="radio"/>	$\frac{3}{5} : \frac{9}{15} =$	<input type="text"/>	<input type="radio"/>
$386 - 299 =$	<input type="text"/>	<input checked="" type="radio"/>	$\frac{5}{28} : \frac{5}{7} =$	<input type="text"/>	<input type="radio"/>	$35 : \frac{7}{60} =$	<input type="text"/>	<input type="radio"/>
$\frac{17}{40} : \frac{3}{8} =$	<input type="text"/>	<input checked="" type="radio"/>	$\frac{21}{20} - \frac{1}{4} =$	<input type="text"/>	<input type="radio"/>	$8 \cdot 75 =$	<input type="text"/>	<input type="radio"/>
$194 \cdot 2 =$	<input type="text"/>	<input type="radio"/>	$400 \cdot \frac{3}{4} =$	<input type="text"/>	<input type="radio"/>	$624 - 399 =$	<input type="text"/>	<input type="radio"/>
$\frac{3}{4} \cdot \frac{1}{5} =$	<input type="text"/>	<input type="radio"/>	$887 - 499 =$	<input type="text"/>	<input type="radio"/>	$15^2 =$	<input type="text"/>	<input type="radio"/>
$64 : 4 =$	<input type="text"/>	<input type="radio"/>	$165 + 420 =$	<input type="text"/>	<input type="radio"/>	$\frac{24}{5} : 6 =$	<input type="text"/>	<input type="radio"/>
$128 + 68 =$	<input type="text"/>	<input type="radio"/>	$3 \frac{1}{2} \cdot \frac{0}{7} =$	<input type="text"/>	<input type="radio"/>	$468 + 532 =$	<input type="text"/>	<input checked="" type="radio"/>

wurde am 22.2.1943 mit ihrem Bruder Hans in München hingerichtet, weil sie sich mit der

„Weiße Rose“ gegen den Naziterror wehrte

Mathe-fit-Test 3

1 $6 \cdot 25 =$

$9 \cdot 25 =$

$7 \cdot 25 =$

$8 \cdot 12 =$

$6 \cdot 15 =$

$9 \cdot 13 =$

2 $4 \cdot 75 =$

$8 \cdot 75 =$

$5 \cdot 75 =$

$9 \cdot 75 =$

$0 \cdot 75 =$

$7 \cdot 75 =$

3 $84 : 12 =$

$200 : 25 =$

$78 : 13 =$

$225 : 75 =$

$135 : 15 =$

$450 : 75 =$

Kontrolliere mit der Umkehraufgabe.

4 $\frac{1}{4} + \frac{3}{8} =$ _____ K: _____

5 $\frac{3}{7} + \frac{1}{3} =$ _____ K: _____

6 $\frac{2}{3} - \frac{4}{5} =$ _____ K: _____

7 $\frac{5}{6} - \frac{3}{4} =$ _____ K: _____

8 $6 \cdot \frac{5}{12} =$ _____ K: _____

9 $\frac{3}{7} \cdot \frac{1}{4} =$ _____ K: _____

10 $\frac{5}{9} : 3 =$ _____ K: _____

11 $\frac{7}{10} : \frac{3}{4} =$ _____ K: _____

12 $4,75 \text{ €} - 1,99 \text{ €} =$

$3,68 \text{ €} - 2,50 \text{ €} =$

$7,38 \text{ €} - 3,98 \text{ €} =$

$3,26 \text{ €} + 3,99 \text{ €} =$

$7,53 \text{ €} + 4,98 \text{ €} =$

$6,17 \text{ €} + 2,30 \text{ €} =$

13 $7,50 \text{ €} \cdot 3 =$

$12,10 \text{ €} \cdot 4 =$

$6,99 \text{ €} \cdot 5 =$

$13,99 \text{ €} \cdot 4 =$

$1,99 \text{ €} \cdot 8 =$

$10,60 \text{ €} \cdot 6 =$