

1. Bausätze		Schrauben
$\cdot 3$	$\left\{ \begin{array}{l} 3 \\ 1 \end{array} \right.$	$\left. \begin{array}{l} 21 \\ 7 \end{array} \right\} : 3$
$\cdot 8$	$\left\{ \begin{array}{l} 1 \\ 8 \end{array} \right.$	$\left. \begin{array}{l} 7 \\ 56 \end{array} \right\} : 8$

Man benötigt 56 Schrauben.

2. Teams		Personen
$\cdot 6$	$\left\{ \begin{array}{l} 6 \\ 1 \end{array} \right.$	$\left. \begin{array}{l} 4 \\ 24 \end{array} \right\} \cdot 6$
$\cdot 3$	$\left\{ \begin{array}{l} 1 \\ 3 \end{array} \right.$	$\left. \begin{array}{l} 24 \\ 8 \end{array} \right\} : 3$

Es sind 8 Personen pro Team.

3. Zeit		Aufgaben
$\cdot 3$	$\left\{ \begin{array}{l} 56 \\ 4 \end{array} \right.$	$\left. \begin{array}{l} 7 \\ 0,5 \end{array} \right\} \cdot 3$
$\cdot 8$	$\left\{ \begin{array}{l} 4 \\ 20 \end{array} \right.$	$\left. \begin{array}{l} 0,5 \\ 2,5 \end{array} \right\} : 8$

Du schaffst 2,5 Aufgaben.

4. min		Unterrichtsstunden
$\cdot 3$	$\left\{ \begin{array}{l} 45 \\ 15 \end{array} \right.$	$\left. \begin{array}{l} 8 \\ 24 \end{array} \right\} \cdot 3$
$\cdot 4$	$\left\{ \begin{array}{l} 15 \\ 60 \end{array} \right.$	$\left. \begin{array}{l} 24 \\ 6 \end{array} \right\} : 4$

Es werden 6 Stunden unterrichtet.

5. kg		€
$\cdot 4$	$\left\{ \begin{array}{l} 4 \\ 1 \end{array} \right.$	$\left. \begin{array}{l} 59.000 \\ 14.750 \end{array} \right\} : 4$
$\cdot 7$	$\left\{ \begin{array}{l} 1 \\ 7 \end{array} \right.$	$\left. \begin{array}{l} 14.750 \\ 103.250 \end{array} \right\} \cdot 7$

7 kg Gold kosten 103.250 €

6. min		Folgen
$\cdot 5$	$\left\{ \begin{array}{l} 25 \\ 5 \end{array} \right.$	$\left. \begin{array}{l} 8 \\ 40 \end{array} \right\} \cdot 5$
$\cdot 4$	$\left\{ \begin{array}{l} 5 \\ 20 \end{array} \right.$	$\left. \begin{array}{l} 40 \\ 10 \end{array} \right\} : 4$

Benjamin kann 10 Folgen schauen.

7. Aquarien		Fische
$\cdot 4$	$\left\{ \begin{array}{l} 16 \\ 4 \end{array} \right.$	$\left. \begin{array}{l} 18 \\ 72 \end{array} \right\} \cdot 4$
$\cdot 3$	$\left\{ \begin{array}{l} 4 \\ 12 \end{array} \right.$	$\left. \begin{array}{l} 72 \\ 24 \end{array} \right\} : 3$

Es sind 24 Fische in einem Aquarium

8. CDs		Kisten
$\cdot 4$	$\left\{ \begin{array}{l} 12 \\ 2 \end{array} \right.$	$\left. \begin{array}{l} 7 \\ 42 \end{array} \right\} \cdot 4$
$\cdot 3$	$\left\{ \begin{array}{l} 2 \\ 14 \end{array} \right.$	$\left. \begin{array}{l} 42 \\ 6 \end{array} \right\} : 3$

Stefan braucht 6 Kisten.

9. h		Pumpen
$\cdot 3$	$\left\{ \begin{array}{l} 12 \\ 4 \end{array} \right.$	$\left. \begin{array}{l} 4 \\ 12 \end{array} \right\} \cdot 3$
$\cdot 2$	$\left\{ \begin{array}{l} 4 \\ 8 \end{array} \right.$	$\left. \begin{array}{l} 12 \\ 6 \end{array} \right\} : 2$

Es werden 6 Pumpen benötigt.

10. Tage		l Milch
$\cdot 7$	$\left\{ \begin{array}{l} 7 \\ 1 \end{array} \right.$	$\left. \begin{array}{l} 2800 \\ 400 \end{array} \right\} : 7$
$\cdot 20$	$\left\{ \begin{array}{l} 1 \\ 20 \end{array} \right.$	$\left. \begin{array}{l} 400 \\ 8000 \end{array} \right\} \cdot 20$

Sie geben 8000 l Milch.

11. Plätze		Taxis
$\cdot 2$	$\left\{ \begin{array}{l} 4 \\ 8 \end{array} \right.$	$\left. \begin{array}{l} 6 \\ 3 \end{array} \right\} : 2$

Es werden 3 Taxis benötigt.

12. Ellen		€
$\cdot 4$	$\left\{ \begin{array}{l} 4 \\ 1 \end{array} \right.$	$\left. \begin{array}{l} 5,60 \\ 1,40 \end{array} \right\} : 4$
$\cdot 13$	$\left\{ \begin{array}{l} 1 \\ 13 \end{array} \right.$	$\left. \begin{array}{l} 1,40 \\ 18,80 \end{array} \right\} \cdot 13$

13 Ellen kosten 18,80 €.

13. Stühle		Reihen
$\cdot 4$	$\left\{ \begin{array}{l} 16 \\ 4 \end{array} \right.$	$\left. \begin{array}{l} 15 \\ 60 \end{array} \right\} \cdot 4$
$\cdot 5$	$\left\{ \begin{array}{l} 4 \\ 20 \end{array} \right.$	$\left. \begin{array}{l} 60 \\ 12 \end{array} \right\} : 5$

Man braucht 12 Reihen.

14. Rinder		kg
$\cdot 24$	$\left\{ \begin{array}{l} 24 \\ 1 \end{array} \right.$	$\left. \begin{array}{l} 1440 \\ 60 \end{array} \right\} : 24$
$\cdot 31$	$\left\{ \begin{array}{l} 1 \\ 31 \end{array} \right.$	$\left. \begin{array}{l} 60 \\ 1860 \end{array} \right\} \cdot 31$

Er braucht täglich 1860 kg Futter.

15. h		km
$\cdot 7$	$\left\{ \begin{array}{l} 7 \\ 1 \end{array} \right.$	$\left. \begin{array}{l} 560 \\ 80 \end{array} \right\} \cdot 4$
$\cdot 13$	$\left\{ \begin{array}{l} 1 \\ 13 \end{array} \right.$	$\left. \begin{array}{l} 80 \\ 1040 \end{array} \right\} : 5$

Der Zug kommt 1040 km weit.

16. l pro Flasche		Anzahl Flaschen
$\cdot 7$	$\left\{ \begin{array}{l} 0,7 \\ 0,1 \end{array} \right.$	$\left. \begin{array}{l} 800 \\ 5600 \end{array} \right\} \cdot 7$
$\cdot 10$	$\left\{ \begin{array}{l} 0,1 \\ 1 \end{array} \right.$	$\left. \begin{array}{l} 5600 \\ 560 \end{array} \right\} : 10$

Es werden 560 Flaschen benötigt.

17. min		Zeitungen
$\cdot 2$	$\left\{ \begin{array}{l} 20 \\ 10 \end{array} \right.$	$\left. \begin{array}{l} 30 \\ 15 \end{array} \right\} : 2$
$\cdot 9$	$\left\{ \begin{array}{l} 10 \\ 90 \end{array} \right.$	$\left. \begin{array}{l} 15 \\ 135 \end{array} \right\} \cdot 9$

Stefan schafft 135 Zeitungen.

18. Güterwaggons		t
$\cdot 2$	$\left\{ \begin{array}{l} 18 \\ 9 \end{array} \right.$	$\left. \begin{array}{l} 720 \\ 360 \end{array} \right\} \cdot 2$
$\cdot 5$	$\left\{ \begin{array}{l} 9 \\ 45 \end{array} \right.$	$\left. \begin{array}{l} 360 \\ 1800 \end{array} \right\} : 5$

Es werden 560 Flaschen benötigt.

19.

h	Maschinen
8	3
1	24
3	8

 $\cdot 8$ $\left\{ \begin{array}{l} 8 \\ 1 \end{array} \right.$ $\left. \begin{array}{l} 3 \\ 24 \end{array} \right\} \cdot 8$
 $\cdot 3$ $\left\{ \begin{array}{l} 1 \\ 3 \end{array} \right.$ $\left. \begin{array}{l} 24 \\ 8 \end{array} \right\} : 3$
 Man benötigt 8 Maschinen.

20.

Tage	Brötchen
2	170
1	85
15	1275

 $\cdot 2$ $\left\{ \begin{array}{l} 2 \\ 1 \end{array} \right.$ $\left. \begin{array}{l} 170 \\ 85 \end{array} \right\} : 2$
 $\cdot 15$ $\left\{ \begin{array}{l} 1 \\ 15 \end{array} \right.$ $\left. \begin{array}{l} 85 \\ 1275 \end{array} \right\} \cdot 15$
 Sie brauchen 1275 Brötchen.

21.

Personen	€
50	18
5	180
45	20

 $\cdot 10$ $\left\{ \begin{array}{l} 50 \\ 5 \end{array} \right.$ $\left. \begin{array}{l} 18 \\ 180 \end{array} \right\} \cdot 10$
 $\cdot 9$ $\left\{ \begin{array}{l} 5 \\ 45 \end{array} \right.$ $\left. \begin{array}{l} 180 \\ 20 \end{array} \right\} : 9$
 Der Bus kostet dann 20 € pro Teilnehmer.

22.

Fahrten	LKWs
16	6
4	24
12	8

 $\cdot 4$ $\left\{ \begin{array}{l} 16 \\ 4 \end{array} \right.$ $\left. \begin{array}{l} 6 \\ 24 \end{array} \right\} : 4$
 $\cdot 3$ $\left\{ \begin{array}{l} 4 \\ 12 \end{array} \right.$ $\left. \begin{array}{l} 24 \\ 8 \end{array} \right\} \cdot 3$
 Es werden 8 LKWs benötigt.

23.

Abstand in cm	Sprossen
18	24
2	216
16	27

 $\cdot 9$ $\left\{ \begin{array}{l} 18 \\ 2 \end{array} \right.$ $\left. \begin{array}{l} 24 \\ 216 \end{array} \right\} \cdot 9$
 $\cdot 8$ $\left\{ \begin{array}{l} 2 \\ 16 \end{array} \right.$ $\left. \begin{array}{l} 216 \\ 27 \end{array} \right\} : 8$
 Die Leiter hat 27 Sprossen.

24.

Arbeiter	Tage
24	9
6	36
18	12

 $\cdot 4$ $\left\{ \begin{array}{l} 24 \\ 6 \end{array} \right.$ $\left. \begin{array}{l} 9 \\ 36 \end{array} \right\} \cdot 4$
 $\cdot 3$ $\left\{ \begin{array}{l} 6 \\ 18 \end{array} \right.$ $\left. \begin{array}{l} 36 \\ 12 \end{array} \right\} : 3$
 Sie benötigen 12 Tage.

25.

h	Maschinen
9	4
3	12
6	6

 $\cdot 3$ $\left\{ \begin{array}{l} 9 \\ 3 \end{array} \right.$ $\left. \begin{array}{l} 4 \\ 12 \end{array} \right\} \cdot 3$
 $\cdot 2$ $\left\{ \begin{array}{l} 3 \\ 6 \end{array} \right.$ $\left. \begin{array}{l} 12 \\ 6 \end{array} \right\} : 2$
 Man braucht 6 Maschinen.

26.

Nieten	€
40	0,68
10	0,17
250	4,25

 $\cdot 4$ $\left\{ \begin{array}{l} 40 \\ 10 \end{array} \right.$ $\left. \begin{array}{l} 0,68 \\ 0,17 \end{array} \right\} : 4$
 $\cdot 25$ $\left\{ \begin{array}{l} 10 \\ 250 \end{array} \right.$ $\left. \begin{array}{l} 0,17 \\ 4,25 \end{array} \right\} \cdot 25$
 Sie kosten 4,25 €.

27.

Maler	h
2	6
1	12
3	4

 $\cdot 2$ $\left\{ \begin{array}{l} 2 \\ 1 \end{array} \right.$ $\left. \begin{array}{l} 6 \\ 12 \end{array} \right\} \cdot 2$
 $\cdot 3$ $\left\{ \begin{array}{l} 1 \\ 3 \end{array} \right.$ $\left. \begin{array}{l} 12 \\ 4 \end{array} \right\} : 3$
 3 Maler benötigen 4 h.

28.

Bauteile	€
19	98,80
1	5,20
91	473,20

 $\cdot 19$ $\left\{ \begin{array}{l} 19 \\ 1 \end{array} \right.$ $\left. \begin{array}{l} 98,80 \\ 5,20 \end{array} \right\} : 19$
 $\cdot 91$ $\left\{ \begin{array}{l} 1 \\ 91 \end{array} \right.$ $\left. \begin{array}{l} 5,20 \\ 473,20 \end{array} \right\} \cdot 91$
 Sie kosten 473,20 €.

29.

km/h	h
150	6
50	18
100	9

 $\cdot 3$ $\left\{ \begin{array}{l} 150 \\ 50 \end{array} \right.$ $\left. \begin{array}{l} 6 \\ 18 \end{array} \right\} \cdot 3$
 $\cdot 2$ $\left\{ \begin{array}{l} 50 \\ 100 \end{array} \right.$ $\left. \begin{array}{l} 18 \\ 9 \end{array} \right\} : 2$
 Es dauert 9 h.

30.

Rinder	Tage
36	58
1	2088
29	72

 $\cdot 36$ $\left\{ \begin{array}{l} 36 \\ 1 \end{array} \right.$ $\left. \begin{array}{l} 58 \\ 2088 \end{array} \right\} \cdot 36$
 $\cdot 29$ $\left\{ \begin{array}{l} 1 \\ 29 \end{array} \right.$ $\left. \begin{array}{l} 2088 \\ 72 \end{array} \right\} : 29$
 Es würde 72 Tage reichen.

31.

h	€
16	176
1	11
23	253

 $\cdot 16$ $\left\{ \begin{array}{l} 16 \\ 1 \end{array} \right.$ $\left. \begin{array}{l} 176 \\ 11 \end{array} \right\} : 16$
 $\cdot 23$ $\left\{ \begin{array}{l} 1 \\ 23 \end{array} \right.$ $\left. \begin{array}{l} 11 \\ 253 \end{array} \right\} \cdot 23$

Er erhält 253 €.

32. Am dritten Tag fehlen 25 km.
Verteilt auf die 5 Tage: 5 km.
Also muss er 45 km fahren.