

Berechne die fehlenden Zahlen ohne Taschenrechner.

$$0.25 + 0.4 = \mathbf{0.65}$$

$$0.18 + 0.23 = \mathbf{0.41}$$

$$0.79 + \mathbf{1.22} = 2.01$$

$$\mathbf{2.98} + 1.02 = 4$$

$$0.9 - 0.25 = \mathbf{0.65}$$

$$0.6 - 0.37 = \mathbf{0.23}$$

$$3.2 - \mathbf{1.25} = 1.95$$

$$\mathbf{6.03} - 0.63 = 5.4$$

$$0.4 \cdot 0.8 = \mathbf{0.32}$$

$$0.1 \cdot 0.5 = \mathbf{0.05}$$

$$\mathbf{0.3} \cdot 8 = 2.4$$

$$0.6 \cdot \mathbf{0.3} = 0.18$$

Berechne in diesen Tabellen die fehlenden Zahlen ohne Taschenrechner.

+	0.9	0.65	0.03
0.4	1.3	1.05	0.43
0.35	1.25	1	0.38
0.08	0.98	0.73	0.11

+	0.7	0.11	0.02
0.6	1.3	0.71	0.62
0.22	0.92	0.33	0.24
0.03	0.73	0.14	0.05

·	0.8	0.3	0.2
0.7	0.56	0.21	0.14
0.6	0.48	0.18	0.12
0.2	0.16	0.06	0.04

·	0.1	0.9	4
0.4	0.04	0.36	1.6
0.8	0.08	0.72	3.2
0.9	0.09	0.81	3.6

Berechne ohne Taschenrechner.

$$\frac{1}{3} + \frac{1}{2} = \frac{\mathbf{5}}{\mathbf{6}}$$

$$\frac{1}{4} + \frac{1}{2} = \frac{\mathbf{3}}{\mathbf{4}}$$

$$\frac{1}{2} + \frac{3}{4} = \frac{\mathbf{5}}{\mathbf{4}}$$

$$\frac{1}{4} + \frac{3}{8} = \frac{\mathbf{5}}{\mathbf{8}}$$

$$1 - \frac{2}{5} = \frac{\mathbf{3}}{\mathbf{5}}$$

$$\frac{2}{3} - \frac{1}{6} = \frac{\mathbf{1}}{\mathbf{2}}$$

$$\frac{2}{3} - \frac{1}{2} = \frac{\mathbf{1}}{\mathbf{6}}$$

$$\frac{1}{3} - \frac{1}{4} = \frac{\mathbf{1}}{\mathbf{12}}$$

$$\frac{2}{3} \cdot \frac{1}{2} = \frac{\mathbf{1}}{\mathbf{3}}$$

$$5 \cdot \frac{3}{5} = \mathbf{3}$$

$$\frac{3}{4} \cdot \frac{1}{2} = \frac{\mathbf{3}}{\mathbf{8}}$$

$$\frac{1}{8} \cdot \frac{1}{3} = \frac{\mathbf{1}}{\mathbf{24}}$$

$$\frac{3}{4} : 2 = \frac{\mathbf{3}}{\mathbf{8}}$$

$$\frac{1}{2} : 3 = \frac{\mathbf{1}}{\mathbf{6}}$$

$$\frac{4}{3} : 2 = \frac{\mathbf{2}}{\mathbf{3}}$$

$$\frac{2}{3} : 3 = \frac{\mathbf{2}}{\mathbf{9}}$$

Berechne in dieser Tabelle die fehlenden Zahlen im Kopf.

+	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{3}$
$\frac{1}{3}$	$\frac{1}{2}$	$\frac{8}{15}$	$\frac{7}{12}$	1
$\frac{2}{5}$	$\frac{17}{30}$	$\frac{3}{5}$	$\frac{13}{20}$	$\frac{16}{15}$
$\frac{3}{8}$	$\frac{13}{24}$	$\frac{23}{40}$	$\frac{5}{8}$	$\frac{25}{24}$
$\frac{5}{6}$	1	$\frac{31}{30}$	$\frac{13}{12}$	$\frac{3}{2}$

Berechne in dieser Tabelle die fehlenden Zahlen im Kopf.

:	4	$\frac{1}{3}$	$\frac{3}{5}$	$\frac{7}{10}$	$\frac{5}{12}$
5	$\frac{4}{5}$	$\frac{1}{15}$	$\frac{3}{25}$	$\frac{7}{50}$	$\frac{1}{12}$
$\frac{2}{3}$	6	$\frac{1}{2}$	$\frac{9}{10}$	$\frac{21}{20}$	$\frac{5}{8}$
$\frac{3}{10}$	$\frac{40}{3}$	$\frac{10}{9}$	2	$\frac{7}{3}$	$\frac{25}{18}$
$\frac{5}{6}$	$\frac{24}{5}$	$\frac{2}{5}$	$\frac{18}{25}$	$\frac{21}{25}$	$\frac{1}{2}$
$\frac{3}{8}$	$\frac{32}{3}$	$\frac{8}{9}$	$\frac{8}{5}$	$\frac{28}{15}$	$\frac{10}{9}$

Setze für die Variablen a, b, c und d die Zahlen in die vier Terme ein und berechne die Ergebnisse. Rechne ohne Taschenrechner.

	a	b	c	d	$\frac{a}{b} + \frac{c}{d}$	$\frac{a}{b} - \frac{c}{d}$	$\frac{a}{b} \cdot \frac{c}{d}$	$\frac{a}{b} : \frac{c}{d}$
A	2	4	5	10	1	0	$\frac{1}{4}$	1
B	4	2	10	5	4	0	4	1
C	10	5	2	4	$\frac{5}{2} = 2.5$	$\frac{3}{2} = 1.5$	1	4
D	5	10	2	4	1	0	$\frac{1}{4}$	1