

Repetition MB8 LU2

Ohne Taschenrechner

1. Berechne schrittweise (vergiss nicht zu kürzen):

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

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

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

$$\frac{1}{4} + \frac{3}{8} = \frac{2}{8} + \frac{3}{8} = \frac{5}{8}$$

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

$$\frac{2}{3} - \frac{1}{6} = \frac{4}{6} - \frac{1}{6} = \frac{3}{6} = \frac{1}{2}$$

$$\frac{2}{3} - \frac{1}{2} = \frac{4}{6} - \frac{3}{6} = \frac{1}{6}$$

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

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

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

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

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

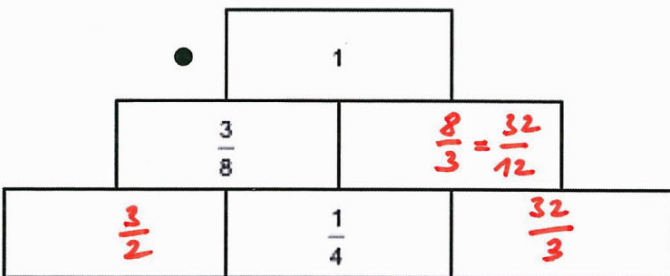
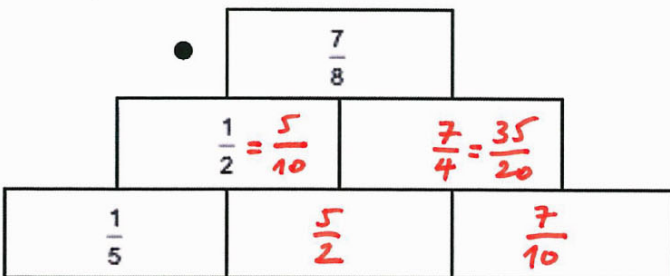
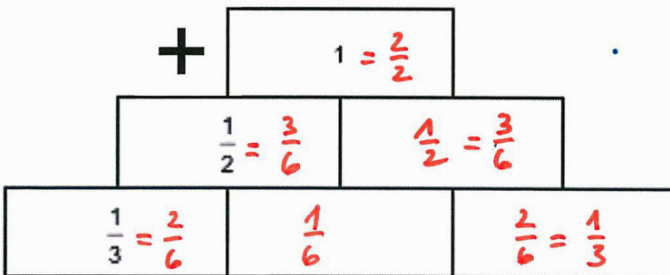
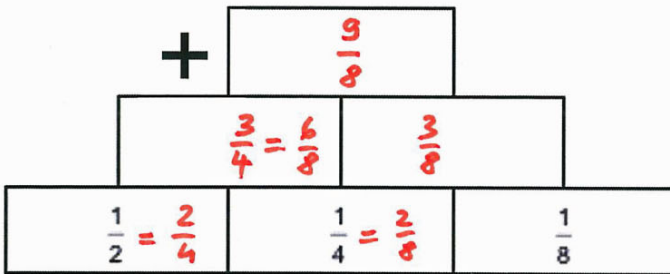
$$\frac{3}{4} : \frac{2}{7} = \frac{3}{4} \cdot \frac{7}{2} = \frac{21}{8}$$

$$\frac{1}{2} : \frac{3}{7} = \frac{1}{2} \cdot \frac{7}{3} = \frac{7}{6}$$

$$\frac{4}{3} : \frac{2}{7} = \frac{4}{3} \cdot \frac{7}{2} = \frac{14}{3}$$

$$\frac{2}{3} : \frac{3}{7} = \frac{2}{3} \cdot \frac{7}{3} = \frac{14}{9}$$

2. Berechne in diesen Zahlenmauern die fehlenden Brüche:



3. Berechne in dieser Tabelle die fehlenden Zahlen:

+	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{3}$	$\frac{3}{4}$
$\frac{1}{4}$	$\frac{9}{20}$	$\frac{7}{12}$	$\frac{11}{12}$	1
$\frac{1}{3}$	$\frac{8}{15}$	$\frac{2}{3}$	1	$\frac{13}{12}$
$\frac{1}{2}$	$\frac{7}{10}$	$\frac{5}{6}$	$\frac{7}{6}$	$\frac{5}{4}$
$\frac{2}{3}$	$\frac{13}{15}$	1	$\frac{4}{3}$	$\frac{17}{12}$

4. Berechne in dieser Tabelle die fehlenden Zahlen:

■	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	$\frac{7}{3}$	$\frac{25}{18}$
$\frac{5}{6}$	$\frac{24}{5}$	$\frac{2}{5}$	$\frac{18}{25}$	$\frac{21}{25}$	$\frac{1}{2}$
$\frac{3}{8}$	$\frac{32}{3}$	$\frac{8}{9}$	$\frac{8}{5}$	$\frac{28}{15}$	$\frac{10}{9}$