

$$-\frac{1}{6} + \frac{4}{5} = -\frac{5}{30} + \frac{24}{30} = \frac{19}{30}$$

$$\frac{3}{7} + \frac{2}{3} = \frac{9}{21} + \frac{14}{21} = \frac{23}{21} = 1\frac{2}{21}$$

$$\frac{15}{16} \cdot \frac{3}{4} = \frac{15 \cdot 3}{16 \cdot 4} = \frac{45}{64}$$

$$\frac{3}{5} \cdot \left(-\frac{1}{7}\right) = -\frac{3 \cdot 1}{5 \cdot 7} = -\frac{3}{35}$$

$$\left(-\frac{5}{6}\right) - \left(-\frac{4}{8}\right) = \left(-\frac{20}{24}\right) - \left(-\frac{12}{24}\right) = -\frac{8}{24} = -\frac{1}{3}$$

$$\frac{1}{2} - \frac{7}{6} = \frac{3}{6} - \frac{7}{6} = -\frac{4}{6}$$

$$\frac{1}{8} : \frac{13}{19} = \frac{1 \cdot 19}{8 \cdot 13} = \frac{19}{104}$$

$$-\frac{4}{7} : \frac{3}{5} = -\frac{4 \cdot 5}{7 \cdot 3} = -\frac{20}{21}$$

$$\begin{aligned} &\left(-\frac{7}{9}\right) \cdot \frac{5}{6} + \frac{4}{8} \cdot \left(-\frac{2}{4} - \frac{2}{8}\right) - \frac{1}{4} : \frac{3}{5} = -\frac{7 \cdot 5}{9 \cdot 6} + \frac{4}{8} \cdot \left(-\frac{3}{4}\right) - \frac{1 \cdot 5}{4 \cdot 3} = -\frac{35}{54} + \left(-\frac{4 \cdot 3}{8 \cdot 4}\right) - \frac{5}{12} = -\frac{35}{54} + \left(-\frac{12}{32}\right) - \frac{5}{12} \\ &= -\frac{1120}{1728} + \left(-\frac{648}{1728}\right) - \frac{720}{1728} = -\frac{2488}{1728} = -1\frac{760}{1728} = -1\frac{380}{864} = -1\frac{95}{216} \end{aligned}$$

| | | | | |
|------------------|----------------------|------------------------|------------------|------------------------|
| | a) | b) | c) | d) |
| Bruch | $\frac{1}{8}$ | $\frac{11}{50}$ | $\frac{9}{20}$ | $\frac{13}{100}$ |
| Hundertstelbruch | $\frac{12,5}{100}$ „ | $\frac{22}{100}$ | $\frac{45}{100}$ | $\frac{13}{100}$ |
| Dezimalbruch | 0,125 | 0,22 | 0,45 | 0,13 |
| Prozentsatz | 12,5 | 22 | 45 | 13 % |
| | | | | |
| | e) | f) | g) | h) |
| Bruch | $\frac{9}{100}$ | $\frac{11}{20}$ | $\frac{13}{20}$ | $\frac{1}{7}$ |
| Hundertstelbruch | $\frac{9}{100}$ | $\frac{55}{100}$ | $\frac{65}{100}$ | „ $\frac{14,3}{100}$ “ |
| Dezimalbruch | 0,09 | 0,55 | 0,65 | ~ 0,143 |
| Prozentsatz | 9 % | 55 % | 65 % | ~ 14,3 % |
| | | | | |
| | i) | j) | k) | l) |
| Bruch | $\frac{12}{25}$ | $\frac{2}{9}$ | $\frac{18}{25}$ | $\frac{19}{100}$ |
| Hundertstelbruch | $\frac{48}{100}$ | „ $\frac{22,2}{100}$ “ | $\frac{72}{100}$ | $\frac{19}{100}$ |
| Dezimalbruch | 0,48 | 0,222 | 0,72 | 0,19 |
| Prozentsatz | 48 % | 22,2 % | 72 % | 19 % |