



Seite 45 nr. 20

$$a) 4 \cdot \frac{5}{6} = \frac{2 \cdot 4 \cdot 5}{\cancel{6}_3} = \frac{10}{3} = \underline{\underline{3\frac{1}{3}}}$$

$$b) 3 \cdot \frac{1}{2} = \frac{3 \cdot 1}{2} = \frac{3}{2} = \underline{\underline{1\frac{1}{2}}}$$

$$c) 6 \cdot \frac{1}{3} = \frac{6 \cdot 1}{3} = \frac{6}{3} = \underline{\underline{2}}$$

$$d) 9 \cdot \frac{2}{4} = \frac{9 \cdot \cancel{2}_2}{4} = \frac{9}{2} = \underline{\underline{4\frac{1}{2}}}$$

$$e) 5 \cdot \frac{3}{4} = \frac{5 \cdot 3}{4} = \frac{15}{4} = \underline{\underline{3\frac{3}{4}}}$$

$$f) 6 \cdot \frac{1}{4} = \frac{\cancel{6}_3 \cdot 1}{\cancel{4}_2} = \frac{3}{2} = \underline{\underline{1\frac{1}{2}}}$$

nr. 21.

$$a) 4 \cdot 2\frac{1}{4} = 4 \cdot 2 + \frac{4 \cdot 1}{4} = 8 + 1 = \underline{\underline{9}}$$

$$b) 5 \cdot 3\frac{1}{2} = 5 \cdot 3 + \frac{5 \cdot 1}{2} = 15 + 2\frac{1}{2} = \underline{\underline{17\frac{1}{2}}}$$

$$c) 9 \cdot 2\frac{2}{3} = 9 \cdot 2 + \frac{\cancel{9}_3 \cdot 2}{\cancel{3}_1} = 18 + 6 = \underline{\underline{24}}$$

$$d) 6 \cdot 4\frac{1}{2} = 6 \cdot 4 + \frac{\cancel{6}_3 \cdot 1}{\cancel{2}_1} = 24 + 3 = \underline{\underline{27}}$$

$$e) 9 \cdot 7\frac{1}{6} = 9 \cdot 7 + \frac{\cancel{9}_3 \cdot 1}{\cancel{6}_2} = 63 + 1\frac{1}{2} = \underline{\underline{64\frac{1}{2}}}$$

$$f) 8 \cdot 3\frac{3}{4} = 8 \cdot 3 + \frac{\cancel{8}_2 \cdot 3}{\cancel{4}_1} = 24 + 6 = \underline{\underline{30}}$$



Seite 45 nr. 22,

$$a) \frac{1}{4} \cdot \frac{6}{7} = \frac{1 \cdot 6}{4 \cdot 7} = \frac{3}{14}$$

$$b) \frac{2}{5} \cdot \frac{3}{4} = \frac{2 \cdot 3}{5 \cdot 4} = \frac{3}{10}$$

$$c) \frac{1}{2} \cdot \frac{5}{8} = \frac{1 \cdot 5}{2 \cdot 8} = \frac{5}{16}$$

$$d) \frac{1}{3} \cdot \frac{2}{3} = \frac{1 \cdot 2}{3 \cdot 3} = \frac{2}{9}$$

$$e) \frac{1}{2} \cdot \frac{1}{2} = \frac{1 \cdot 1}{2 \cdot 2} = \frac{1}{4}$$

$$f) \frac{5}{6} \cdot \frac{9}{10} = \frac{5 \cdot 9}{6 \cdot 10} = \frac{3}{4}$$

nr. 23,

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

$$b) \frac{6}{7} \cdot \frac{1}{4} = \frac{6 \cdot 1}{7 \cdot 4} = \frac{3}{14}$$

$$c) \frac{4}{9} \cdot \frac{3}{8} = \frac{4 \cdot 3}{9 \cdot 8} = \frac{1}{6}$$

$$d) \frac{5}{8} \cdot \frac{4}{5} = \frac{5 \cdot 4}{8 \cdot 5} = \frac{1}{2}$$

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

$$f) \frac{1}{5} \cdot \frac{2}{5} = \frac{1 \cdot 2}{5 \cdot 5} = \frac{2}{25}$$