

Seite 43 Nr. 12

$$a) \frac{1}{3}, \frac{2}{9}, \frac{5}{18} = \frac{6}{18}, \frac{4}{18}, \frac{5}{18} \rightarrow \underline{\underline{\frac{2}{9}, \frac{5}{18}, \frac{1}{3}}}}$$

$$b) \frac{3}{7}, \frac{1}{3}, \frac{1}{2} = \frac{18}{42}, \frac{14}{42}, \frac{21}{42} \rightarrow \underline{\underline{\frac{1}{3}, \frac{3}{7}, \frac{1}{2}}}}$$

$$c) \frac{3}{4}, \frac{5}{6}, \frac{2}{3} = \frac{18}{24}, \frac{20}{24}, \frac{16}{24} \rightarrow \underline{\underline{\frac{2}{3}, \frac{3}{4}, \frac{5}{6}}}}$$

$$d) \frac{5}{7}, \frac{1}{2}, \frac{3}{4} = \frac{20}{28}, \frac{14}{28}, \frac{21}{28} \rightarrow \underline{\underline{\frac{1}{2}, \frac{5}{7}, \frac{3}{4}}}}$$

$$e) \frac{4}{5}, \frac{2}{3}, \frac{11}{15} = \frac{12}{15}, \frac{10}{15}, \frac{11}{15} \rightarrow \underline{\underline{\frac{2}{3}, \frac{11}{15}, \frac{4}{5}}}}$$

$$f) \frac{7}{8}, \frac{3}{5}, \frac{8}{10} = \frac{35}{40}, \frac{24}{40}, \frac{32}{40} \rightarrow \underline{\underline{\frac{3}{5}, \frac{8}{10}, \frac{7}{8}}}}$$

Nr 13.

$$a) \frac{5}{6} - \frac{1}{3} = \frac{5}{6} - \frac{2}{6} = \frac{3}{6} = \underline{\underline{\frac{1}{2}}}$$

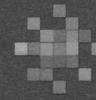
$$b) \frac{1}{2} + \frac{1}{3} = \frac{3}{6} + \frac{2}{6} = \underline{\underline{\frac{5}{6}}}$$

$$c) \frac{7}{8} - \frac{3}{4} = \frac{7}{8} - \frac{6}{8} = \underline{\underline{\frac{1}{8}}}$$

$$d) \frac{4}{5} + \frac{1}{10} = \frac{8}{10} + \frac{1}{10} = \underline{\underline{\frac{9}{10}}}$$

$$e) \frac{1}{3} + \frac{5}{18} = \frac{6}{18} + \frac{5}{18} = \underline{\underline{\frac{11}{18}}}$$

$$f) \frac{2}{3} + \frac{1}{4} = \frac{8}{12} + \frac{3}{12} = \underline{\underline{\frac{11}{12}}}$$



Seite 44 nr. 14

a) $\frac{40}{7} = \underline{\underline{5 \frac{5}{7}}}$

d) $\frac{38}{3} = \underline{\underline{12 \frac{2}{3}}}$

b) $\frac{63}{8} = \underline{\underline{7 \frac{7}{8}}}$

e) $\frac{58}{4} = 14 \frac{2}{4} = \underline{\underline{14 \frac{1}{2}}}$

c) $\frac{50}{6} = 8 \frac{2}{6} = \underline{\underline{8 \frac{1}{3}}}$

f) $\frac{64}{9} = \underline{\underline{7 \frac{1}{9}}}$

Nr 15

a) $\frac{27}{4} = \underline{\underline{6 \frac{3}{4}}}$

d) $\frac{50}{6} = 8 \frac{2}{6} = \underline{\underline{8 \frac{1}{3}}}$

b) $\frac{49}{8} = \underline{\underline{6 \frac{1}{8}}}$

e) $\frac{80}{7} = \underline{\underline{11 \frac{3}{7}}}$

c) $\frac{54}{7} = \underline{\underline{7 \frac{5}{7}}}$

f) $\frac{74}{9} = \underline{\underline{8 \frac{2}{9}}}$

Nr 16

a) $3 \frac{7}{8} = \underline{\underline{\frac{31}{8}}}$

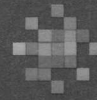
d) $12 \frac{2}{7} = \underline{\underline{\frac{86}{7}}}$

b) $9 \frac{3}{4} = \underline{\underline{\frac{39}{4}}}$

e) $8 \frac{1}{3} = \underline{\underline{\frac{25}{3}}}$

c) $5 \frac{5}{12} = \underline{\underline{\frac{65}{12}}}$

f) $6 \frac{5}{9} = \underline{\underline{\frac{59}{9}}}$



Seite 44 nr 17.

$$a) 5\frac{1}{6} + 2\frac{1}{2} = 7 + \frac{1}{6} + \frac{3}{6} = 7\frac{4}{6} = \underline{\underline{7\frac{2}{3}}}$$

$$b) 6\frac{4}{5} + 3\frac{1}{10} = 9 + \frac{8}{10} + \frac{1}{10} = \underline{\underline{9\frac{9}{10}}}$$

$$c) 5\frac{5}{6} + 2\frac{1}{3} = 7 + \frac{5}{6} + \frac{2}{6} = 7\frac{7}{6} = \underline{\underline{8\frac{1}{6}}}$$

$$d) 6\frac{3}{5} + 2\frac{1}{2} = 8 + \frac{6}{10} + \frac{5}{10} = 8\frac{11}{10} = \underline{\underline{9\frac{1}{10}}}$$

$$e) 4\frac{3}{4} + 3\frac{5}{6} = 7 + \frac{9}{12} + \frac{10}{12} = 7\frac{19}{12} = \underline{\underline{8\frac{7}{12}}}$$

$$f) 9\frac{2}{3} + \frac{7}{9} = 9 + \frac{6}{9} + \frac{7}{9} = 9\frac{13}{9} = \underline{\underline{10\frac{4}{9}}}$$

$$g) 4\frac{4}{5} + 2\frac{3}{10} = 6 + \frac{8}{10} + \frac{3}{10} = 6\frac{11}{10} = \underline{\underline{7\frac{1}{10}}}$$

$$h) 5\frac{1}{2} + 4\frac{2}{3} = 9 + \frac{3}{6} + \frac{4}{6} = 9\frac{7}{6} = \underline{\underline{10\frac{1}{6}}}$$

Nr 18.

$$a) 7 - \frac{3}{4} = \underline{\underline{6\frac{1}{4}}}$$

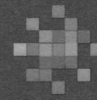
$$d) 12 - \frac{1}{5} = \underline{\underline{11\frac{4}{5}}}$$

$$b) 5 - \frac{5}{8} = \underline{\underline{4\frac{3}{8}}}$$

$$e) 10 - \frac{5}{6} = \underline{\underline{9\frac{1}{6}}}$$

$$c) 9 - \frac{1}{2} = \underline{\underline{8\frac{1}{2}}}$$

$$f) 3 - \frac{7}{9} = \underline{\underline{2\frac{2}{9}}}$$



Seite 44 nr. 19.

$$a) \quad 9\frac{1}{4} - \frac{3}{4} = \underline{\underline{8\frac{1}{2}}}$$

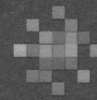
$$b) \quad 8\frac{4}{10} - \frac{4}{5} = 8\frac{4}{10} - \frac{8}{10} = 7\frac{6}{10} = \underline{\underline{7\frac{3}{5}}}$$

$$c) \quad 11\frac{1}{6} - \frac{10}{12} = 11\frac{2}{12} - \frac{10}{12} = 10\frac{4}{12} = \underline{\underline{10\frac{1}{3}}}$$

$$d) \quad 7\frac{1}{3} - \frac{4}{6} = 7\frac{2}{6} - \frac{4}{6} = 6\frac{4}{6} = \underline{\underline{6\frac{2}{3}}}$$

$$e) \quad 3\frac{4}{14} - \frac{5}{7} = 3\frac{4}{14} - \frac{10}{14} = 2\frac{8}{14} = \underline{\underline{2\frac{4}{7}}}$$

$$f) \quad 10\frac{1}{4} - \frac{2}{3} = 10\frac{3}{12} - \frac{8}{12} = \underline{\underline{9\frac{7}{12}}}$$



Seite 49 nr. 44

$$\begin{aligned} \text{a)} \quad 2x - 18 &= 5x + 12 \\ -30 &= 3x \\ - & \quad -10 = x \end{aligned}$$

$$\begin{aligned} \text{b)} \quad 9x - 6 &= 3x - 30 \\ 6x &= -24 \\ \underline{\underline{x = -4}} \end{aligned}$$

$$\begin{aligned} \text{c)} \quad x + 2 &= -3x + 30 \\ 4x &= 28 \\ \underline{\underline{x = 7}} \end{aligned}$$

$$\begin{aligned} \text{d)} \quad x - 17 &= 6x + 8 \\ -25 &= 5x \\ \underline{\underline{-5 = x}} \end{aligned}$$

$$\begin{aligned} \text{e)} \quad 3x + 4 &= x - 6 \\ 2x &= -10 \\ \underline{\underline{x = -5}} \end{aligned}$$

$$\begin{aligned} \text{f)} \quad 2x + 8 &= 5x - 16 \\ 24 &= 3x \\ \underline{\underline{8 = x}} \end{aligned}$$