

1. Bestimme die Platzhalter.

$$\text{a) } \frac{2}{7} = \frac{10}{35}$$

$$\text{b) } \frac{15}{60} = \frac{5}{20}$$

$$\text{c) } \frac{6}{20} = \frac{3}{10}$$

$$\text{d) } \frac{16}{22} = \frac{8}{11}$$

$$\text{e) } \frac{28}{42} = \frac{2}{3}$$

$$\text{f) } \frac{12}{25} = \frac{36}{75}$$



2. Berechne.

$$\text{a) } \frac{1}{7} + \frac{2}{7} = \frac{3}{7}$$

$$\text{b) } \frac{3}{5} - \frac{2}{5} = \frac{1}{5}$$

$$\text{c) } 1\frac{1}{4} + \frac{2}{4} = 1\frac{3}{4}$$

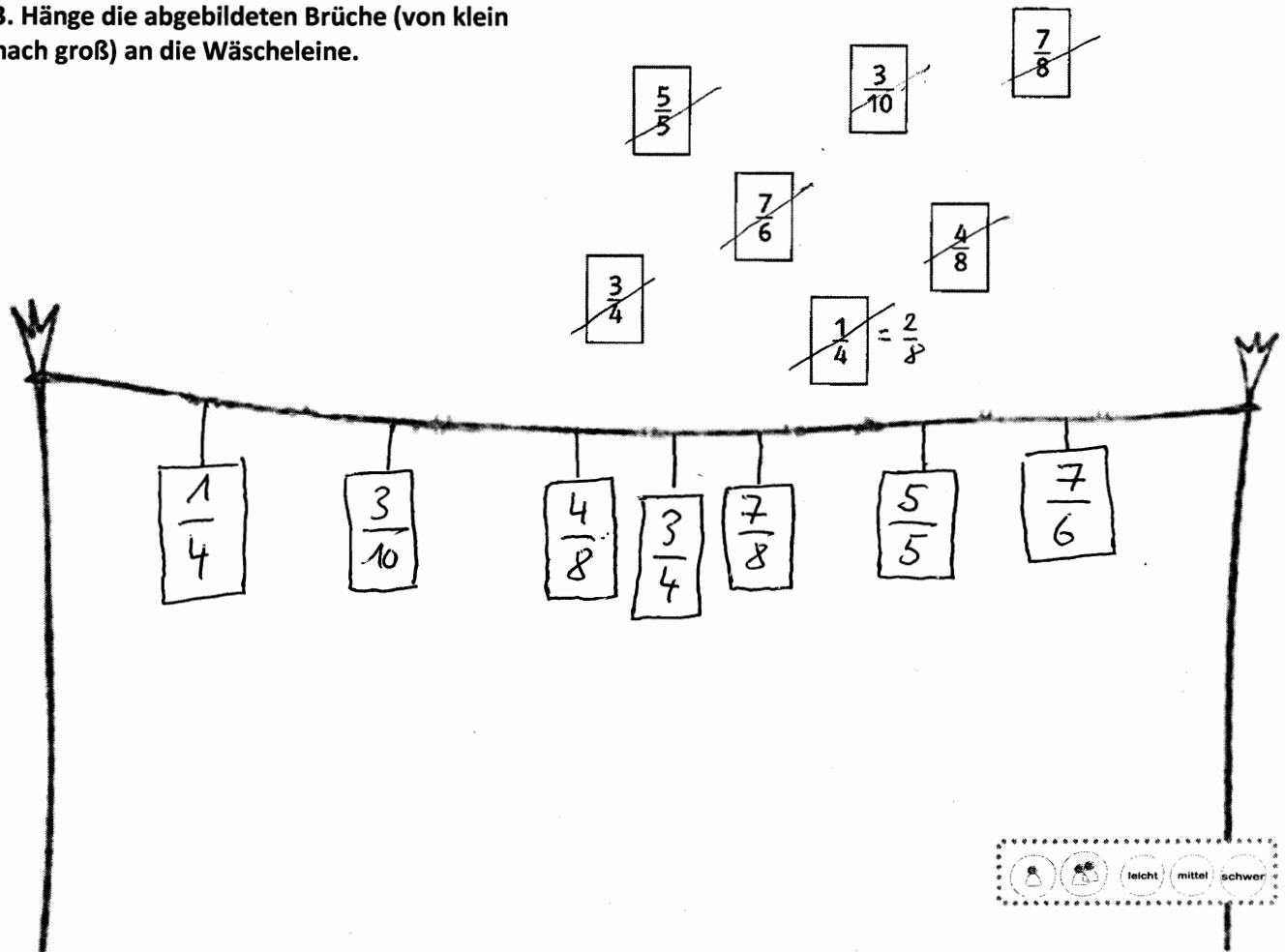
$$\text{d) } 1\frac{2}{3} - \frac{1}{3} = 1\frac{1}{3}$$

$$\text{e) } \frac{4}{5} + \frac{3}{5} + \frac{4}{5} = \frac{11}{5} = 2\frac{1}{5}$$

$$\text{f) } \frac{7}{3} - \frac{1}{3} - \frac{2}{3} = \frac{4}{3} = 1\frac{1}{3}$$



3. Hänge die abgebildeten Brüche (von klein nach groß) an die Wäscheleine.



4. Berechne.

$$a) \frac{9}{12} + \frac{3}{6} = \frac{9}{12} + \frac{6}{12} = \frac{15}{12} = 1\frac{3}{12} = \underline{\underline{1\frac{1}{4}}}$$

$$b) \frac{10}{14} - \frac{2}{7} = \frac{5}{7} - \frac{2}{7} = \underline{\underline{\frac{3}{7}}}$$

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

$$d) \frac{3}{4} - \frac{1}{3} = \frac{9}{12} - \frac{4}{12} = \underline{\underline{\frac{5}{12}}}$$

$$e) \frac{2}{7} + \frac{1}{3} = \frac{6}{21} + \frac{7}{21} = \underline{\underline{\frac{13}{21}}}$$

$$f) \frac{2}{5} + \frac{1}{4} = \frac{8}{20} + \frac{5}{20} = \underline{\underline{\frac{13}{20}}}$$

$$g) \frac{2}{15} + \frac{1}{5} + \frac{1}{15} = \frac{2}{15} + \frac{3}{15} + \frac{1}{15} = \underline{\underline{\frac{6}{15}}}$$

$$h) \frac{9}{12} - \frac{1}{12} - \frac{1}{3} = \frac{9}{12} - \frac{1}{12} - \frac{4}{12} = \frac{4}{12} = \underline{\underline{\frac{1}{3}}}$$

