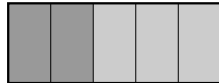


Aufgabe 5

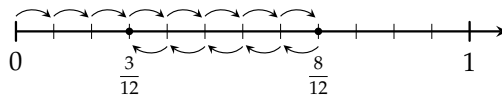
a)

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



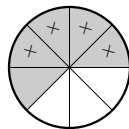
b)

$$\frac{8}{12} - \frac{5}{12} = \frac{3}{12} = \frac{1}{4}$$



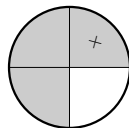
c)

$$\frac{5}{8} - \frac{4}{8} = \frac{1}{8}$$



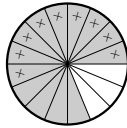
d)

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



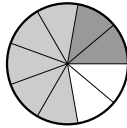
e)

$$\frac{13}{16} - \frac{9}{16} = \frac{4}{16} = \frac{1}{4}$$



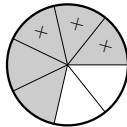
f)

$$\frac{2}{9} + \frac{5}{9} = \frac{7}{9}$$



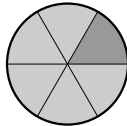
g)

$$\frac{5}{7} - \frac{3}{7} = \frac{2}{7}$$



h)

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



Aufgabe 6

a)

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

b)

$$\frac{8}{12} + \frac{7}{12} = \frac{15}{12} = \frac{5}{4} = 1\frac{1}{4}$$

c)

$$\frac{3}{5} + \frac{4}{5} + \frac{2}{5} = \frac{9}{5} = 1\frac{4}{5}$$

d)

$$\frac{5}{8} + \frac{7}{8} = \frac{12}{8} = \frac{3}{2} = 1\frac{1}{2}$$

e)

$$\frac{17}{20} + \frac{13}{20} = \frac{30}{20} = \frac{3}{2} = 1\frac{1}{2}$$

Aufgabe 7

a)

$$\frac{5}{6} - \frac{1}{6} = \frac{4}{6} = \frac{2}{3}$$

b)

$$\frac{8}{14} + \frac{2}{14} = \frac{10}{14} = \frac{5}{7}$$

c)

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

d)

$$\frac{5}{12} + \frac{4}{12} + \frac{7}{12} = \frac{16}{12} = \frac{4}{3} = 1\frac{1}{3}$$

e)

$$\frac{17}{20} - \frac{13}{20} = \frac{4}{20} = \frac{1}{5}$$

f)

$$\frac{5}{60} - \frac{4}{60} = \frac{1}{60}$$

g)

$$\frac{17}{20} + \frac{13}{20} = \frac{30}{20} = \frac{3}{2} = 1\frac{1}{2}$$

h)

$$\frac{11}{15} - \frac{2}{15} - \frac{6}{15} = \frac{3}{15} = \frac{1}{5}$$

i)

$$\frac{7}{12} + \frac{2}{12} - \frac{9}{12} = \frac{9}{12} - \frac{9}{12} = 0$$

j)

$$\frac{35}{17} - \frac{20}{17} + \frac{2}{17} = \frac{17}{17} = 1$$

Aufgabe 8

a)

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

Aus Oberaubach kommt $\frac{1}{6}$ der Kinder.

b) 24 — Gesamtzahl der Kinder

$$24 : 6 = 4$$

$$4 \cdot 2 = 8$$

Aus Maxdorf und Oberaubach kommen jeweils 4 Kinder und aus Rheindorf und Dornheim jeweils 8 Kinder.