

Übungen:

$$\frac{1}{3} + \frac{5}{6} = \frac{2*1}{6} + \frac{5}{6} = \frac{2+5}{6} = \frac{7}{6} = 1\frac{1}{6}$$

$$\frac{2}{3} + \frac{2}{5} + \frac{1}{2} = \frac{10*2}{30} + \frac{6*2}{30} + \frac{15*1}{30} = \frac{20}{30} + \frac{12}{30} + \frac{15}{30} = \frac{20+12+15}{30} = \frac{47}{30} = 1\frac{17}{30}$$

$$\frac{11}{13} + \frac{1}{2} = \frac{2*11}{26} + \frac{13*1}{26} = \frac{22}{26} + \frac{13}{26} = \frac{22+13}{26} = \frac{35}{26} = 1\frac{9}{26}$$

$$\frac{3}{8} - \frac{1}{4} = \frac{3}{8} - \frac{2*1}{8} = \frac{3}{8} - \frac{2}{8} = \frac{3-2}{8} = \frac{1}{8}$$

$$\frac{3}{7} - \frac{1}{3} = \frac{3*3}{21} - \frac{7*1}{21} = \frac{9}{21} - \frac{7}{21} = \frac{9-7}{21} = \frac{2}{21}$$

$$\frac{25}{28} - \frac{1}{4} = \frac{25}{28} - \frac{7*1}{28} = \frac{25-7}{28} = \frac{18}{28} = \frac{9}{14}$$

$$\frac{11}{17} - \frac{1}{2} = \frac{2*11}{34} - \frac{17*1}{34} = \frac{22}{34} - \frac{17}{34} = \frac{22-17}{34} = \frac{5}{34}$$

$$\frac{5}{7} * \frac{2}{7} = \frac{5*2}{7*7} = \frac{10}{49}$$

$$\frac{3}{5} * \frac{4}{9} = \frac{3*4}{5*9} = \frac{12}{45} = \frac{4}{15}$$

$$\frac{10}{13} * \frac{4}{11} = \frac{10*4}{13*11} = \frac{40}{143}$$

$$\frac{6}{7} : \frac{1}{3} = \frac{6*3}{7*1} = \frac{18}{7} = 2\frac{4}{7}$$

$$\frac{9}{13} : \frac{2}{7} = \frac{9*7}{13*2} = \frac{63}{26} = 2\frac{11}{26}$$

$$\frac{11}{17} : \frac{1}{2} = \frac{11*2}{17*1} = \frac{22}{17} = 1\frac{5}{17}$$

$$\frac{1}{17} : \frac{4}{5} = \frac{1*5}{17*4} = \frac{5}{68}$$