

Doppelbruchrechnungen

1.

$$\frac{1 + \frac{3}{4}}{\frac{1}{12} + \frac{1}{3}}$$

2.

$$\frac{\frac{2}{5} + \frac{1}{20}}{\frac{9}{4} - 1}$$

3.

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

$$4 + \frac{1}{5}$$

$$1 + \frac{3}{4} = \frac{7}{4}$$

$$\frac{1}{12} + \frac{1}{3} = \frac{5}{12}$$

$$\frac{\frac{7}{4}}{\frac{5}{12}} = \frac{21}{5} = 4 + \frac{1}{5}$$

$$\frac{9}{25}$$

$$\frac{2}{5} + \frac{1}{20} = \frac{9}{20}$$

$$\frac{9}{4} - 1 = \frac{5}{4}$$

$$\frac{\frac{9}{20}}{\frac{5}{4}} = \frac{9}{25}$$

$$\frac{-17}{66}$$

$$2 + \frac{3}{4} = \frac{11}{4}$$

$$\frac{\frac{2}{3}}{\frac{11}{4}} = \frac{8}{33}$$

$$\frac{8}{33} - \frac{1}{2} = \frac{-17}{66}$$