

## 2.3.2

## Lösungen 2.3.2

2.3.2.01  $\frac{8}{15} - \frac{3}{8} + \frac{19}{20}$

2.3.2.02  $6\frac{1}{2} + 8\frac{2}{3} - \frac{5}{9}$

2.3.2.03  $4\frac{2}{7} - 3\frac{2}{5} + 2\frac{43}{70}$

2.3.2.04  $\frac{ab}{6} - \frac{ab}{12} + ab$

2.3.2.05  $2 - \frac{3}{a}$

2.3.2.06  $\frac{k}{l} + \frac{l}{k}$

2.3.2.07  $\frac{1}{x} + \frac{1}{y} + \frac{1}{z}$

2.3.2.08  $\frac{x}{a-1} - \frac{x}{(a-1)^2}$

2.3.2.09  $\frac{15}{3x+9} - \frac{10}{4x+12}$

2.3.2.10  $\frac{x+y}{x-y} + \frac{x-y}{x+y}$

2.3.2.11  $\frac{1}{a^2-4} + \frac{1}{a-2}$

2.3.2.12  $\frac{p+q}{p-q} + 1$

2.3.2.13  $\frac{2}{r+s} + \frac{1}{r-s}$

2.3.2.14  $\frac{k^2+l^2}{(k-l)^2} + \frac{k+l}{k-l}$

2.3.2.15  $1 - \frac{a+b}{a-b}$

2.3.2.16  $\frac{a}{b} - 2 + \frac{b}{a}$

2.3.2.17  $\frac{1}{m-n} - \frac{1}{m+n}$

2.3.2.18  $\frac{(e+f)^2}{4ef} - 1$

2.3.2.19  $\frac{1}{a^2+2ab+b^2} - \frac{1}{a^2-b^2}$

2.3.2.20  $\frac{v+w}{v-w} - \frac{(v+w)^2}{(v-w)^2}$

$$1\frac{13}{120}$$

$$14\frac{11}{18}$$

$$3\frac{1}{2}$$

$$\frac{13ab}{12}$$

$$\frac{2a-3}{a}$$

$$\frac{k^2+l^2}{kl}$$

$$\frac{yz+xz+xy}{xyz}$$

$$\frac{ax-2x}{(a-1)^2}$$

$$\frac{5}{2(x+3)}$$

$$\frac{2x^2+2y^2}{x^2-y^2}$$

$$\frac{a+3}{a^2-4}$$

$$\frac{2p}{p-q}$$

$$\frac{3r-s}{r^2-s^2}$$

$$\frac{2k^2}{(k-l)^2}$$

$$\frac{2b}{b-a}$$

$$\frac{ab}{(a-b)^2}$$

$$\frac{2n}{m^2-n^2}$$

$$\frac{(e-f)^2}{4ef}$$

$$\frac{-2b}{(a+b)^2(a-b)}$$

$$\frac{-2w(v+w)}{(v-w)^2}$$