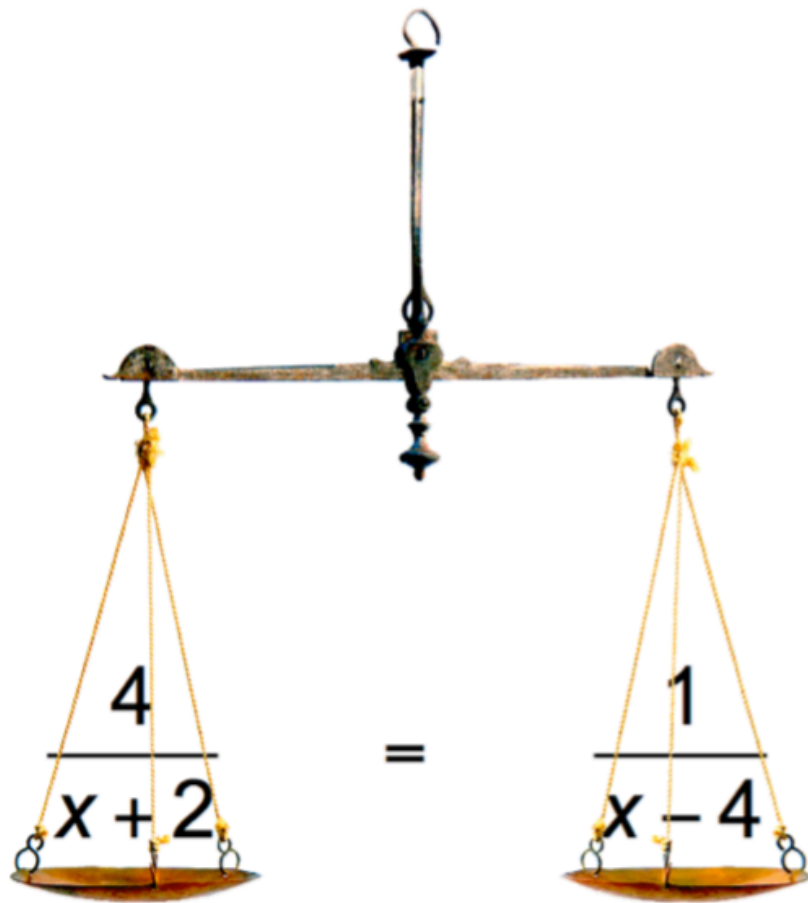


Bruchtermgleichungen lösen



$$\frac{4}{x+2} = \frac{1}{x-4}$$

$$\frac{4}{(x+2)} = \frac{1}{(x-4)} \quad | \cdot (x+2) \cdot (x-4)$$

$$4 \cdot (x-4) = 1 \cdot (x+2)$$

$$4x - 16 = x + 2 \quad | -x$$

$$3x - 16 = 2 \quad | +16$$

$$3x = 18 \quad | \div 3$$

$$\underline{\underline{x = 6}}$$