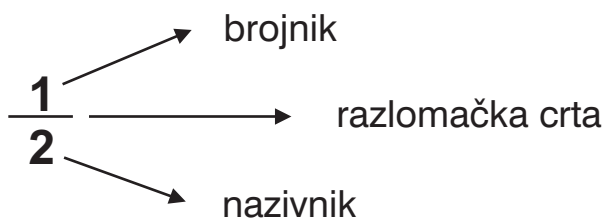


# RAZLOMCI



Zbrajanje razlomaka jednakih nazivnika

$$\frac{a}{b} + \frac{c}{b} = \frac{a+c}{b}$$

Primjer:

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

Zbrajanje razlomaka različitih nazivnika

$$\frac{a}{b} + \frac{c}{d} = \frac{ad+bc}{bd}$$

Primjer:

$$\frac{2}{3} + \frac{4}{5} = \frac{2 \cdot 5 + 3 \cdot 4}{3 \cdot 5} = \frac{22}{15}$$

Množenje razlomaka

$$\frac{a}{b} \cdot \frac{c}{d} = \frac{a \cdot c}{b \cdot d}$$

Primjer:

$$\frac{2}{3} \cdot \frac{3}{5} = \frac{2 \cdot 3}{3 \cdot 5} = \frac{6}{15}$$

Dijeljenje razlomaka

$$\frac{a}{b} : \frac{c}{d} = \frac{a}{b} \cdot \frac{d}{c}$$

Primjer:

$$\frac{2}{3} : \frac{5}{4} = \frac{2}{3} \cdot \frac{4}{5} = \frac{8}{15}$$

Višestruki razlomak

$$\left( \frac{\frac{a}{b}}{\frac{c}{d}} \right) = \frac{a \cdot d}{b \cdot c}$$

Primjer:

$$\frac{\frac{2}{3}}{\frac{5}{6}} = \frac{2 \cdot 6}{3 \cdot 5} = \frac{12}{15}$$