

Zadatak 001 (Ana, osnovna škola)

Izračunaj:

$$\frac{\frac{1}{2} + \frac{1}{3}}{\frac{1}{2} - \frac{1}{3}} : \frac{1}{6}$$

Rješenje 001Najprije računamo $\frac{1}{2} + \frac{1}{3}$ i $\frac{1}{2} - \frac{1}{3}$.

$$\frac{\frac{1}{2} + \frac{1}{3}}{\frac{1}{2} - \frac{1}{3}} : \frac{1}{6} = \frac{\frac{3+2}{6}}{\frac{3-2}{6}} : \frac{1}{6} = \frac{\frac{5}{6}}{\frac{1}{6}} : \frac{1}{6} = \left[\text{dvojni razlomak } \frac{\frac{a}{b}}{\frac{c}{d}} = \frac{a \cdot d}{b \cdot c} \right] = \frac{30}{6} : \frac{1}{6} = \frac{30}{6} \cdot \frac{6}{1} = 30.$$

Vježba 001

Izračunaj:

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

Rezultat: 84.

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