

**Zadatak 001 (Ana, osnovna škola)**

Izračunaj:

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

**Rješenje 001**Najprije 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.