

25. NASTAVNI LISTIĆ

(Množenje racionalnih brojeva)

1. Izračunaj.

a) $\frac{3}{5} \cdot \frac{1}{2} =$

b) $\frac{1}{\cancel{2}_1} \cdot \frac{\cancel{2}^{-1}}{5} =$

c) $\frac{2}{7} \cdot \frac{3}{5} =$

d) $\frac{-4}{5} \cdot \frac{1}{2} =$

2. Izračunaj.

a) $\frac{-5}{7} \cdot \frac{-1}{-2} =$

b) $\frac{\cancel{1}^1}{-6} \cdot \frac{-1}{\cancel{1}_1} =$

c) $\frac{-7}{9} \cdot \frac{-3}{-5} =$

d) $\frac{3}{-10} \cdot \frac{-7}{12} =$

e) $\frac{-7}{9} \cdot \left(-\frac{1}{7}\right) =$

f) $\left(-\frac{3}{5}\right) \cdot \left(-\frac{3}{5}\right) =$

3. Izračunaj napamet i zapiši rezultat.

a) $\frac{-5}{8} \cdot 0 =$

b) $\frac{5}{-6} \cdot 0 \cdot \frac{1}{25} \cdot 1 =$

c) $0 \cdot \frac{105}{39} \cdot \frac{-101}{299} =$

d) $\frac{-14}{29} \cdot 1 =$

e) $\frac{1}{4} \cdot (-1) =$

f) $(-1) \cdot \frac{-99}{101} =$

4. Izračunaj.

$$\begin{aligned}\text{a) } -2 \cdot 1\frac{1}{2} &= -\frac{2}{1} \cdot \frac{1 \cdot 2 + 1}{2} \\ &= -\frac{2}{1} \cdot \frac{2+1}{2} \\ &= -\frac{\overset{1}{\cancel{2}}}{1} \cdot \frac{3}{\underset{1}{\cancel{2}}} \\ &= -\frac{1 \cdot 3}{1 \cdot 1} = -\frac{3}{1} = -3\end{aligned}$$

$$\text{b) } -3 \cdot 2\frac{1}{3} =$$

$$\text{c) } -1\frac{2}{5} \cdot (-5) =$$

$$\text{d) } -1\frac{3}{5} \cdot 2\frac{1}{2} =$$