

UTRJEVANJE

1. Izračunajte:

$$\bullet \quad 3\frac{1}{7} + 5\frac{2}{7} =$$

$$\bullet \quad 4\frac{3}{8} + 2\frac{7}{8} =$$

$$\bullet \quad 10\frac{1}{6} - 4\frac{1}{6} - 2\frac{5}{6} =$$

2. Izračunajte:

$$\bullet \quad \frac{1}{3} + \frac{3}{4} =$$

$$\bullet \quad 1\frac{3}{4} + 2\frac{5}{6} =$$

$$\bullet \quad 2\frac{7}{9} + 4\frac{5}{12} =$$

3. Izračunajte:

$$\bullet \quad 6\frac{1}{6} - 3\frac{2}{9} - 4\frac{1}{3} =$$

$$\bullet \quad \frac{31}{18} - \frac{17}{12} - \frac{7}{6} =$$

- $\frac{9}{4} - \frac{11}{2} + \frac{15}{8} =$

4. Izračunajte:

- $\frac{2}{5} \cdot \frac{3}{7} =$

- $2\frac{9}{10} \cdot 1\frac{2}{5} =$

- $10\frac{1}{5} \cdot 0 =$

- $\left(-\frac{20}{21}\right) \left(-\frac{12}{25}\right) =$

5. Izračunajte:

- $\frac{5}{8} \cdot \frac{4}{3} - \frac{2}{5} \cdot \frac{7}{4} =$

- $\frac{3}{5} \cdot \left(\frac{2}{3} - \frac{3}{4} - \frac{5}{6}\right) =$

- $\left(\frac{3}{10} - \frac{1}{30}\right) \cdot \left(\frac{3}{8} - \frac{7}{12}\right) =$

6. Izračunajte:

- $\frac{4}{5} : \frac{3}{7} =$ _____

- $3\frac{4}{5} : 2\frac{1}{5} =$ _____

- $0 : 10\frac{1}{5} =$ _____

- $\left(-\frac{16}{25}\right) : \left(-\frac{12}{25}\right) =$ _____

7. Poenostavite:

- $\frac{x^2 - 2x + 1}{x^2 + 2x + 1} : \frac{x - 1}{x + 1}$ _____

- $\frac{x^2 - 7x - 8}{x^2 - 81} : \frac{x - 8}{x + 9}$ _____