

I RAZRED (POPRAVNI)

CISLI BROJEVI

$$\textcircled{1} -25 : 5 + 32 \cdot (16 - 2 \cdot 3) + 6 \cdot (3 - 7) =$$

RAZLOMCI

$$\textcircled{2} \frac{1}{2} - \frac{3}{2} \cdot \left(3 - \frac{1}{2}\right) =$$

$$\textcircled{3} \left(\frac{3}{5} - \frac{1}{3} + \frac{1}{2}\right) : \frac{3}{25} =$$

$$\textcircled{4} \frac{\frac{13}{2} - \frac{8}{3}}{\frac{13}{2} + \frac{8}{3}} : \frac{46}{25} =$$

$$\textcircled{5} \left(0,6 + \frac{3}{4}\right) : \left(2,2 - \frac{1}{2}\right) =$$

LINEARNE JEDNAĐBE

$$\textcircled{6} 3x - 11 = 5(x + 7)$$

$$\textcircled{7} \frac{x}{2} + \frac{2x}{3} = \frac{x-1}{6}$$

$$\textcircled{8} 3 - (2x - 1) = 5x - 6$$

POTENCIE

$$\textcircled{9} (3a^2b \cdot 5abc)^2 =$$

$$\textcircled{10} 6x^4y^3 : 3x^2y =$$

$$\textcircled{11} a) (2x + 5y)^2 =$$

$$\textcircled{11} b) \left(\frac{x}{3} + \frac{2y}{5}\right)^2 =$$

$$(12) a) \left(3x - \frac{y}{2}\right)^2 =$$

$$(12) b) (ab - 3c)^2 =$$

$$(13) a) 4a^2 - 9b^2 =$$

$$(13) b) \left(\frac{x}{5} + 1\right) \cdot \left(\frac{x}{5} - 1\right) =$$

TROKUT, ČETVEROKUT, KRUG I KRUŽNICA

(14) Pravokutan Δ

$$a = 12 \text{ cm}, b = 14 \text{ cm}$$

$$d, O, P = ?$$

(15) Raznostraničan Δ

$$a = 9 \text{ cm} \quad b = 11 \text{ cm} \quad c = 17 \text{ cm}$$

$$O, P = ?$$

(16) Opseg jednakostraničnog Δ : $O = 56 \text{ cm}$.

$$d, P = ?$$

(17) Kvadrat: $O = 20 \text{ cm}$

$$d, P = ?$$

(18) Pravokutnik: $a = 7 \text{ cm}$

$$b = 3 \text{ cm}$$

$$d, O, P = ?$$

(19) Opseg kruga $O = 24\pi$.

$$P = ?$$