

UPOTREBA ALATA - EQUATION

1. Rešenje kvadratne jednačine:

$$x_{1,2} = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

2. Pitagorina teorema:

$$c = \sqrt{a^2 + b^2}$$

3. Trigonometrijske formule:

$$\sin^2 \alpha + \cos^2 \alpha = 1$$

4. Uslov truogla:

$$a + b > c, \quad b + c > a, \quad a + c > b$$

5. Pripadnost skupu:

$$\forall a \in \mathbb{N} \exists b \in \mathbb{R} \mid a \cdot b = 1$$

6. Rešavanje jednačina:

$$2x - 5y = 5$$

$$\underline{x + y = 6}$$

$$2x - 5y = 5$$

$$\underline{x = 6 - y}$$

$$\underline{2 \cdot (6 - y) - 5y = 5}$$

$$\underline{12 - 2y - 5y = 5}$$

$$\underline{7y = 7}$$

$$\underline{y = 1 \Rightarrow x = 6 - y, \quad x = 1}$$