

PLOŠČINA TRIKOTNIKA 2. URA

REŠITVE NALOG

1.) a) ΔABC

$a = 5 \text{ cm}$

$N_a = 4 \text{ cm}$

$S =$

$S = \frac{a \cdot N_a}{2}$

$S = \frac{5 \cdot 4 \cdot 2}{2 \cdot 1}$

$S = 10 \text{ cm}^2$

b) ΔABC

$c = 4 \text{ cm}$

$N_c = 4 \text{ cm}$

$S =$

$S = \frac{c \cdot N_c}{2}$

$S = \frac{4 \cdot 4 \cdot 2}{2 \cdot 1}$

$S = 8 \text{ cm}^2$

c) ΔABC

$c = 4 \text{ cm}$

$N_c = 4 \text{ cm}$

$S =$

$S = \frac{c \cdot N_c}{2}$

$S = \frac{4 \cdot 4 \cdot 2}{2 \cdot 1}$

$S = 8 \text{ cm}^2$

2.) 1. trikotnik

$a = 7 \text{ cm}$

$N_a = 16 \text{ cm}$

$S =$

$S = \frac{a \cdot N_a}{2}$

$S = \frac{7 \cdot 16 \cdot 2}{2 \cdot 1}$

$S = 56 \text{ cm}^2$

3. trikotnik

$b = 6,3 \text{ cm}$

$N_b = 4,8 \text{ cm}$

$S =$

$S = \frac{b \cdot N_b}{2}$

$S = \frac{6,3 \cdot 4,8}{2}$

$S = \frac{30,24}{2}$

$S = 15,12 \text{ cm}^2$

2. trikotnik

$c = 54 \text{ cm}$

$N_c = 27 \text{ cm}$

$S =$

$S = \frac{c \cdot N_c}{2}$

$S = \frac{54 \cdot 27 \cdot 2}{2 \cdot 1}$

$S = 729 \text{ cm}^2$

4. trikotnik

$b = 3 \frac{2}{3} \text{ cm}$

$N_b = 4 \frac{1}{2} \text{ cm}$

$S =$

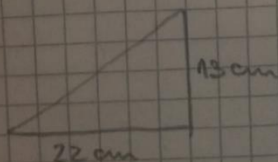
$S = \frac{1}{2} \cdot b \cdot N_b$

$S = \frac{1}{2} \cdot 3 \frac{2}{3} \cdot 4 \frac{1}{2}$

$S = \frac{1 \cdot 10 \cdot 9 \cdot 5 \cdot 3}{2 \cdot 3 \cdot 2 \cdot 1 \cdot 1}$

$S = \frac{15}{2} = 7 \frac{1}{2} \text{ cm}^2$

PRAVOKOTNI TRIKOTNIK



$l_1 = 22 \text{ cm}$

$l_2 = 13 \text{ cm}$

$S =$

$S = \frac{l_1 \cdot l_2}{2}$

$S = \frac{22 \cdot 13 \cdot 1}{2 \cdot 1}$

$S = 143 \text{ cm}^2$