



1

μ

1. μ

-) μ μ
-) μ μ = 1,
-) μ30° < μ60°.
-) 33° < 62°.
-) μ = _____

2.

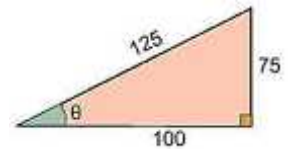
μ μ μ :

$$\frac{\sqrt{3}}{2}, \frac{13}{2}, \frac{\sqrt{5}}{4}, 1,45$$

3.

μ :

$$\mu = \dots\dots = \dots\dots = \dots\dots$$

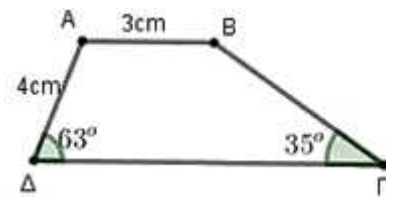


μ

(∠A = 90°) μ = 26cm μ = 12/13 AB,

μ

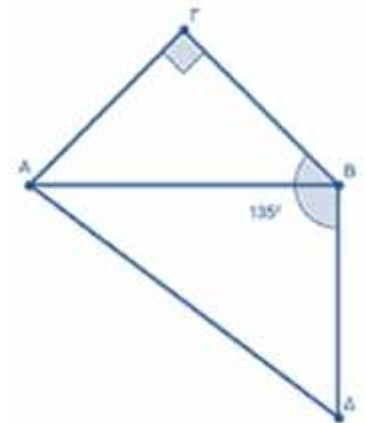
-) μ
-) μ
-) μ : μ63° ≈ 0,9, 63° ≈ 0,45, 63° ≈ 1,96 ,
- μ35° ≈ 0,57, 35° ≈ 0,82, 35° ≈ 0,7



μ

μ = 3/5 μ = , = 6

-) μ
-) μ
-) μ



1.))))))

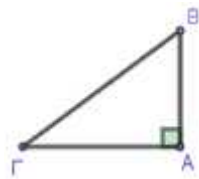
2. $\frac{13}{2}, 1,45$

3. $\mu = \frac{75}{125} = \frac{100}{125} = \frac{75}{100}$

μ

$\mu = \frac{12}{13} = \frac{12 \cdot 26}{13 \cdot 26} = 12 \cdot 26 = \frac{12 \cdot 26^2}{26} = 24 \text{ cm}$

$\mu : \quad \mu = \frac{26^2 - 24^2}{26} = \frac{676 - 596}{26} = \frac{80}{26} = \sqrt{80} \approx 9$



μ

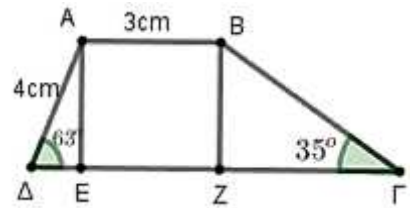
) , .

$\mu 63^\circ = \frac{AE}{4} \quad 0,9 = \frac{AE}{4} \quad \Rightarrow \quad AE = 0,9 \cdot 4 = 3,6 \text{ cm}$

) $63^\circ = \frac{AE}{4} \quad 0,45 = \frac{AE}{4} \quad \Rightarrow \quad AE = 1,8$

$35^\circ = \frac{EZ}{0,7} \quad 0,7 = \frac{EZ}{0,7} \quad \Rightarrow \quad EZ = 0,7 \cdot 0,7 = 0,49$

$\Rightarrow \quad AE + EZ + ZB = 1,8 \text{ cm} + 3 \text{ cm} + 5,1 \text{ cm} = 9,9 \text{ cm}$



) $E = \frac{(AB + \Delta\Gamma)}{2} = \frac{(3 + 9,9) \cdot 3,6}{2} = \frac{14,9 \cdot 3,6}{2} = 26,82 \text{ cm}^2$

μ

) $\mu = x$,

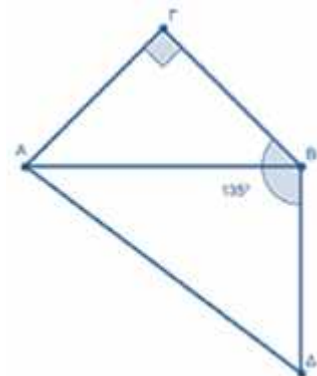
$A^2 + B^2 = C^2 \quad x^2 + x^2 = 6^2 \quad 2x^2 = 36 \quad x^2 = \frac{36}{2}$

$x^2 = 18 \quad x = \sqrt{18} = \sqrt{9 \cdot 2} = 3\sqrt{2}$

$\hat{A}B = 135^\circ - 90^\circ = 45^\circ$

$\mu \hat{A}B = \frac{x}{6} \quad \mu 45^\circ = \frac{x}{6} \quad \frac{\sqrt{2}}{2} = \frac{x}{6}$

$2x = 6\sqrt{2} \quad x = \frac{6\sqrt{2}}{2} = 3\sqrt{2}$



$$\mu = \frac{AB}{A} \quad \frac{3}{5} = \frac{3\sqrt{2}}{5} \quad 3 = 15\sqrt{2} \quad = \frac{15\sqrt{2}}{3} = 5\sqrt{2}.$$

$$\begin{aligned} \mu & : \\ \mu^2 & = \mu^2 - \mu^2 = (5\sqrt{2})^2 + 6^2 = 25 \cdot 2 - 36 = 14 \quad = \sqrt{14} \\ \mu & : \quad + \quad + \quad + \quad = 2 \cdot 3\sqrt{2} + \sqrt{14} + 5\sqrt{2} = 11\sqrt{2} + \sqrt{14} \end{aligned}$$

Ασκησόπολις
ο πιο πλούσιος κόσμος
θεμάτων και ασκήσεων