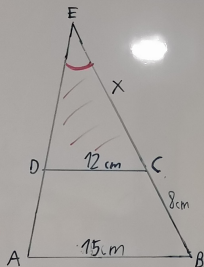


Вендање за писмени

18. $a = 15 \text{ cm}$
 $b = 12 \text{ cm}$
 $c = 8 \text{ cm}$
 $x = ?$



$\triangle EDC \sim \triangle EAB$

$\frac{ED}{EA} = \frac{EC}{EB} = \frac{DC}{AB}$

$EC : EB = DC : AB$

$x : (x+8) = 12 : 15$

$15x = 12(x+8)$

$15x = 12x + 96$

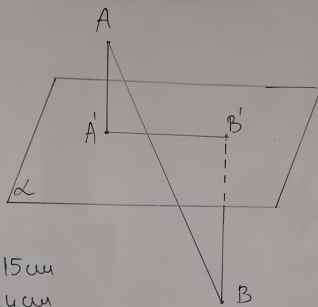
$15x - 12x = 96$

$3x = 96$

$x = 96 : 3$

$x = 32 \text{ cm}$

82.



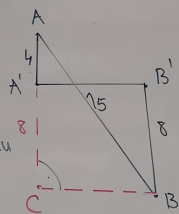
a) $AB = 15 \text{ cm}$
 $AA' = 4 \text{ cm}$
 $BB' = 8 \text{ cm}$
 $A'B' = ?$

$A'C = BB' = 8 \text{ cm}$
 $\triangle ACB$ - правоугли

$AC = 12 \text{ cm}$
 $AB = 15 \text{ cm}$

$BC^2 = AB^2 - AC^2 = 15^2 - 12^2 = 225 - 144 = 81$

$BC = \sqrt{81}$



b) $AB = 6 \text{ cm}$
 $AA' = 1 \text{ cm}$
 $BB' = 2 \text{ cm}$

$A'B' = ?$

$\triangle ACB$ - правоугли

$AC = 3 \text{ cm}$

$AB = 6 \text{ cm}$

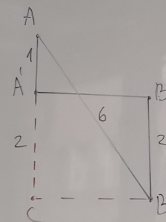
$BC^2 = AB^2 - AC^2$

$BC^2 = 36 - 9$

$BC^2 = 27$

$BC = \sqrt{27} = \sqrt{9 \cdot 3} = 3\sqrt{3}$

$A'B' = 3\sqrt{3} \text{ cm}$



Лојунска:
 среда 14:30
 уговорница 8,
 Ломати: 85