

14.09.2020.

### ТАЛЕСОВА ТЕОРЕМА (ВЕЖБАЊЕ)

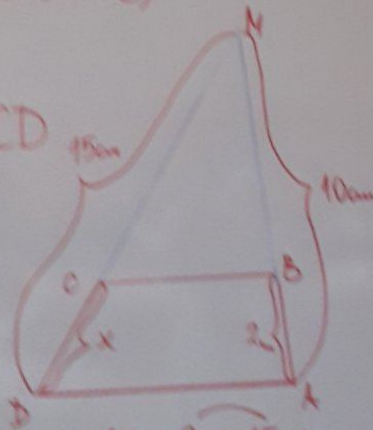
⑦ ТРАПЕЗ ABCD  
(AD || BC)

$$AM = 10 \text{ cm}$$

$$AB = 2 \text{ cm}$$

$$MD = 15 \text{ cm}$$

CD = ?



$$10 : 2 = 15 : x$$

$$10x = 30$$

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

$$\boxed{CD = 3 \text{ cm}}$$

или

$$10 : 15 = 2 : x$$

$$10x = 30$$

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

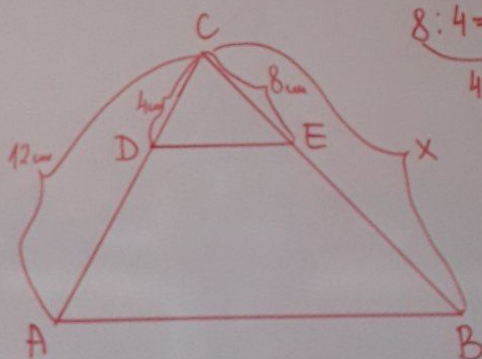
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# ТАЛЕСОВА ТЕОРЕМА (ВЕЖБАЊЕ)

8. а)  $AC = 12 \text{ cm}$   
 $CD = 4 \text{ cm}$   
 $CE = 8 \text{ cm}$   

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 $BC = ?$



$$\frac{8}{4} = \frac{x}{12}$$
$$4x = 96$$
$$x = 24$$

$$\text{или } \frac{8}{x} = \frac{4}{12}$$
$$4x = 96$$
$$x = 24$$

$BC = 24 \text{ cm}$

ДОМАЋИ: 8 б  
12 а

ПОНЕТИ ШЕСТАР И ЛЕЊИРЕ!