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15 октября 2020 г.

Дано:

ABCD - трап ($AD \parallel BC$)

$$\angle A + \angle D = 110^\circ$$

Найти: \angle - ?

Решение

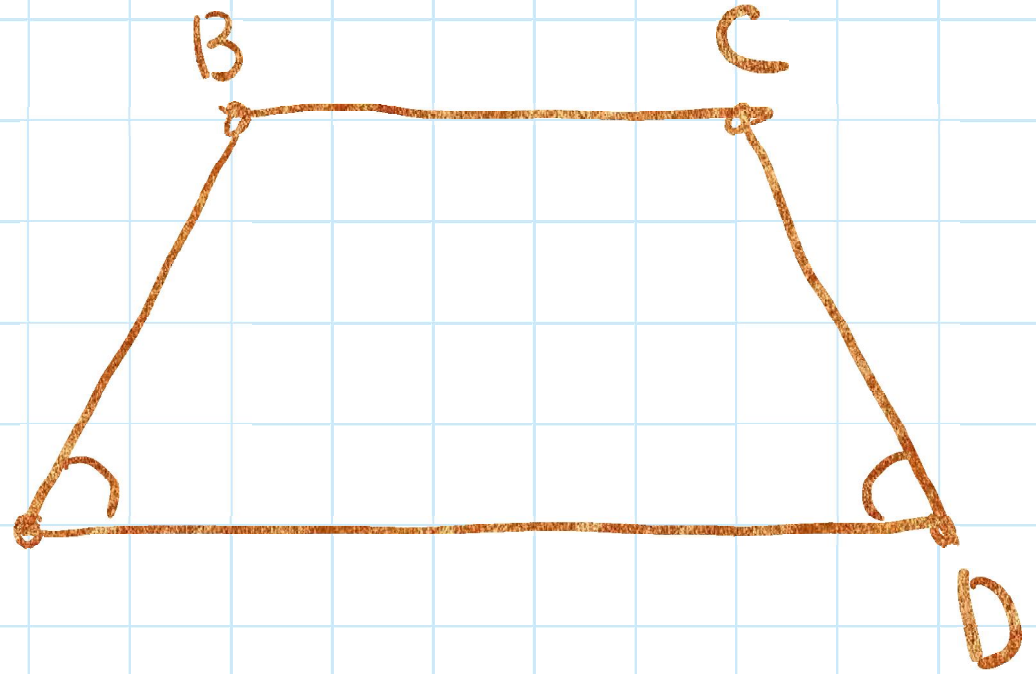
$$\angle A = \angle D \text{ (сб-во)}$$

\Downarrow

$$\angle A = \angle D = 110^\circ : 2 = 55^\circ$$

$$\angle A + \angle B = 180^\circ \Rightarrow \angle B = 180^\circ - 55^\circ = 125^\circ$$

$$\angle C = \angle B = 125^\circ \text{ (сб-во)}$$



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