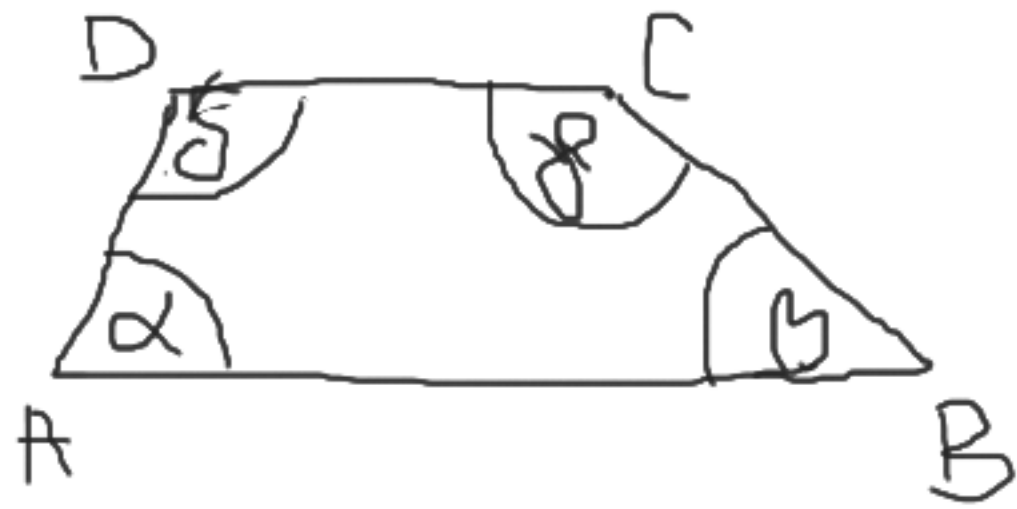


трапез



$$AB \parallel CD$$

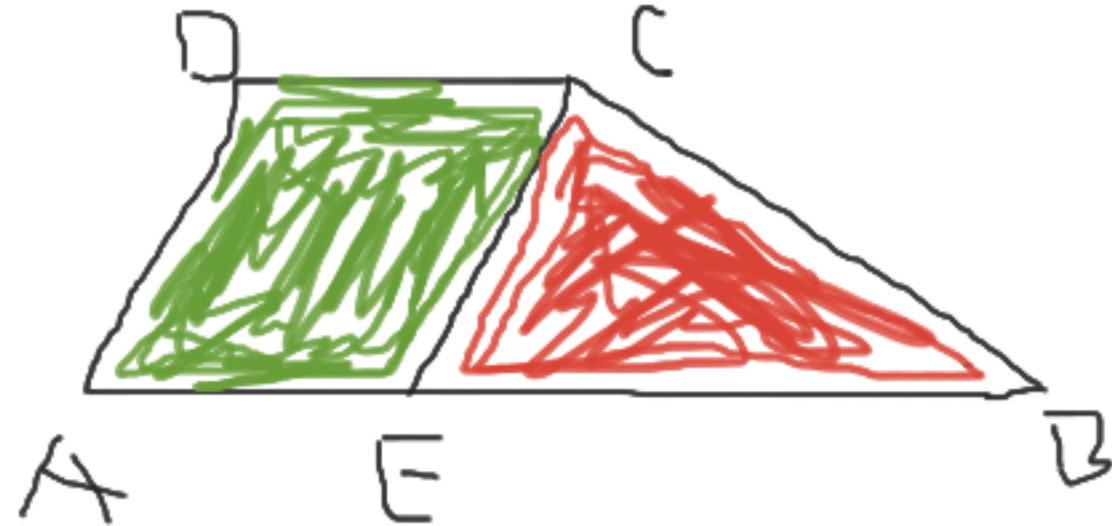
$$\alpha + \delta = 180^\circ$$

$$\beta + \gamma = 180^\circ$$



$$DF = h \text{ — висина}$$

$$CE = h \text{ — висина}$$



трапез = паралелограм + троугао

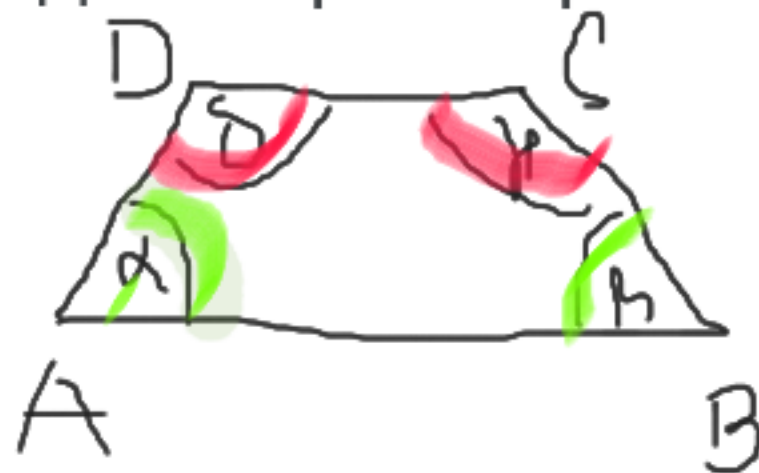
специјалне врсте трапеца

- правоугли трапез



$$\begin{aligned}\sphericalangle DAB &= 90^\circ \\ \sphericalangle ADC &= 90^\circ \\ \beta + \alpha &= 180^\circ\end{aligned}$$

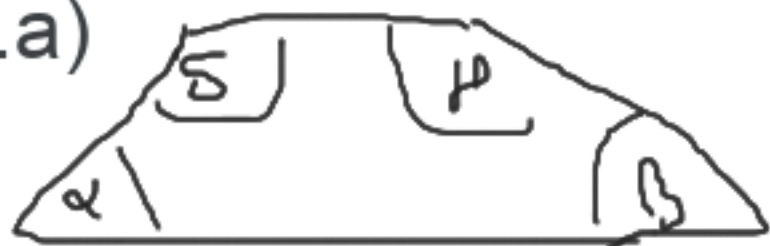
- једнакокрани трапез



$$\begin{aligned}\alpha &= \beta \\ \delta &= \phi\end{aligned}$$

$$AD = BC$$

725.a)



$$\alpha + \beta + \gamma = 360^\circ$$

78°



$$\alpha + \beta = 360^\circ - 78^\circ$$

$$\alpha + \beta = 282^\circ$$

$$\alpha = \beta = 282^\circ : 2 = 141^\circ$$

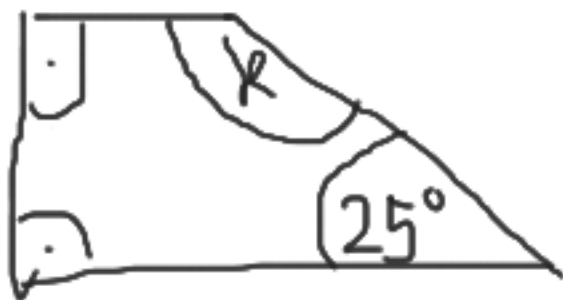
$$\alpha + \beta = 78^\circ$$

$$\alpha = \beta \quad (\text{пошто је једнакокраки})$$

$$\alpha = 78^\circ : 2 = 39^\circ$$

$$\beta = 39^\circ$$

726. a)



$$\beta = 25^\circ$$
$$\alpha = \delta = 90^\circ$$

ово важи у сваком правоуглом трапезу

$$\alpha + \beta + \gamma + \delta = 360^\circ$$

$\alpha = 90^\circ$ $\beta = 25^\circ$ $\delta = 90^\circ$

$$\gamma = 360^\circ - (90^\circ + 25^\circ + 90^\circ) =$$
$$= 360^\circ - 205^\circ = 155^\circ$$

$$\alpha = 90^\circ \quad \gamma = 155^\circ$$
$$\delta = 90^\circ \quad \beta = 25^\circ$$

домаћи:
-725.б) в)
-726.б) в)

