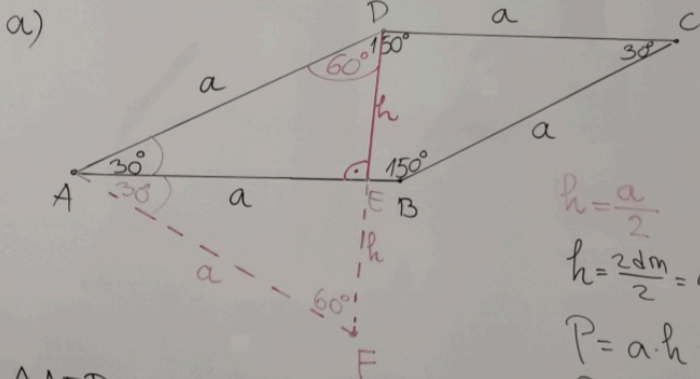


17.11.20. Примерна Питоагорине теореме на паралелограм и ромб

337. $O = 8 \text{ dm}$
 $4 \cdot a = O$
 $4 \cdot a = 8 \text{ dm}$
 $a = 8 \text{ dm} : 4$
 $a = 2 \text{ dm}$

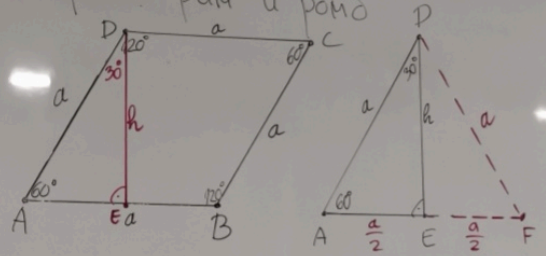
$P = ?$



$\triangle AFD$ je једнакостранични
 $AF = FD = AD = a$

$h = \frac{a}{2}$
 $h = \frac{2 \text{ dm}}{2} = 1 \text{ dm}$
 $P = a \cdot h$
 $P = 2 \text{ dm} \cdot 1 \text{ dm}$
 $P = 2 \text{ dm}^2$

б)



$\triangle AFD$ je једнакостранични

$h^2 = a^2 - \left(\frac{a}{2}\right)^2$

$h^2 = 2^2 - 1^2$

$h^2 = 4 - 1$

$h = \sqrt{3} \text{ dm}$

$P = a \cdot h$

$P = 2 \text{ dm} \cdot \sqrt{3} \text{ dm}$

$P = 2\sqrt{3} \text{ dm}^2$

337. $O = 8 \text{ dm}$

$$4 \cdot a = O$$

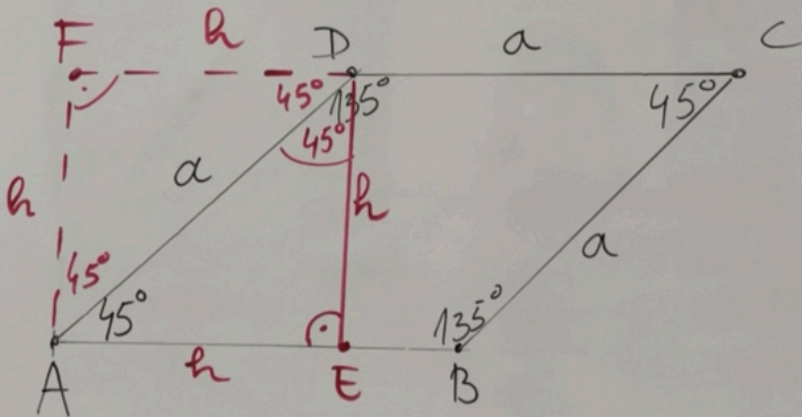
$$4 \cdot a = 8 \text{ dm}$$

$$a = 8 \text{ dm} : 4$$

$$a = 2 \text{ dm}$$

$$P = ?$$

b)



$$d = a\sqrt{2}$$

$$h^2 + h^2 = a^2$$

$$2h^2 = 2^2$$

$$2h^2 = 4$$

$$h^2 = 4 : 2 = 2$$

$$h = \sqrt{2} \text{ dm}$$

$$P = a \cdot h$$

$$P = 2 \text{ dm} \cdot \sqrt{2} \text{ dm}$$

$$P = 2\sqrt{2} \text{ dm}^2$$

20mathe:
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