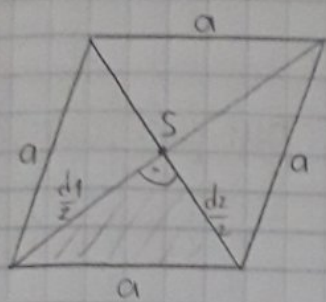


Вендибање = $\pi \cdot r$ на ромб =

17.11.20



$$P = \frac{d_1 \cdot d_2}{2}$$

или

$$P = a \cdot h$$

$$O = 4 \cdot a$$

$$r_u = \frac{h}{2}$$

329 r) 331 б) 330 а)

*Збирка, страна 42:

329. i) $d_1 = 48 \text{ cm}$ $O = 104 \text{ cm}$ $P = ?$ $r_u = ?$

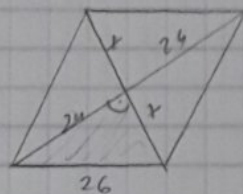
$$O = 4 \cdot a \quad a = \frac{O}{4} \quad a = \frac{104 \text{ cm}}{4} \quad \boxed{a = 26 \text{ cm}}$$

$$\left(\frac{d_2}{2}\right)^2 = a^2 - \left(\frac{d_1}{2}\right)^2 \quad \left(\frac{d_2}{2}\right)^2 = 676 - 576 \quad \left(\frac{d_2}{2}\right)^2 = 100 \quad \frac{d_2}{2} = 10 \quad d_2 = 10 \cdot 2 \quad \boxed{d_2 = 20 \text{ cm}}$$

$$P = \frac{d_1 \cdot d_2}{2} \quad P = \frac{480}{2} \quad \boxed{P = 480 \text{ cm}^2}$$

$$P = a \cdot h \quad h = \frac{P}{a} \quad \boxed{h = \frac{480}{26} \text{ cm}}$$

$$r = \frac{h}{2} \quad r = \frac{480}{26} : 2 \quad r = \frac{480}{26} \cdot \frac{1}{2} \quad \boxed{r = \frac{480}{52} \text{ cm}}$$



330. a) $d_1 = 60 \text{ cm}$ $d_2 = 32 \text{ cm}$ $a = ?$ $P = ?$ $O = ?$ $r_u = ?$

$$a^2 = \left(\frac{d_1}{2}\right)^2 + \left(\frac{d_2}{2}\right)^2 \quad a^2 = 900 + 256 \quad a^2 = 1156 \quad a = \sqrt{1156} \quad \boxed{a = 34 \text{ cm}}$$

$$O = a \cdot 4 \quad O = 34 \cdot 4 \quad \boxed{O = 136 \text{ cm}}$$

$$P = \frac{d_1 \cdot d_2}{2} \quad P = \frac{1920}{2} \quad \boxed{P = 960 \text{ cm}^2}$$

$$P = a \cdot h \quad h = \frac{P}{a} \quad h = \frac{960}{34} \quad h =$$