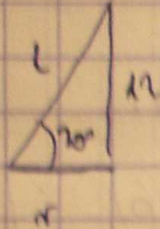
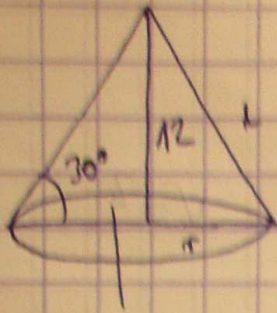


2AD1

$$P_{\text{kon}} = \pi r \cdot L$$



$$\sin 30^\circ = \frac{12}{L}$$

$$L = \frac{12}{\sin 30^\circ} = \frac{12}{\frac{1}{2}} = 24$$

$$\cos 30^\circ = \frac{12}{r}$$

$$r = \frac{12}{\cos 30^\circ} = \frac{12}{\frac{\sqrt{3}}{2}} = \frac{36}{\sqrt{3}} = \frac{36 \cdot \sqrt{3}}{\sqrt{3}} = 12\sqrt{3}$$

$$P_{\text{kon}} = \pi \cdot 24 \cdot 12\sqrt{3} = 288\sqrt{3}\pi$$

2AD2



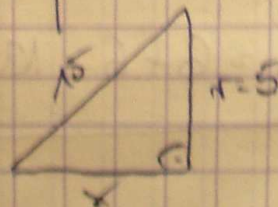
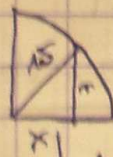
$$P_{\text{MEKRON}} = 25\pi$$

$$x = ?$$

$$P_{\text{MEKRON}} = \pi r^2$$

$$25\pi = \pi r^2 : \pi$$

$$r = \sqrt{25} = 5$$



2. TL. PITAGORAS

$$x^2 = 15^2 - 5^2$$

$$x^2 = (15-5)(15+5)$$

$$x^2 = 10 \cdot 20$$

$$x = \sqrt{200} = 10\sqrt{2}$$