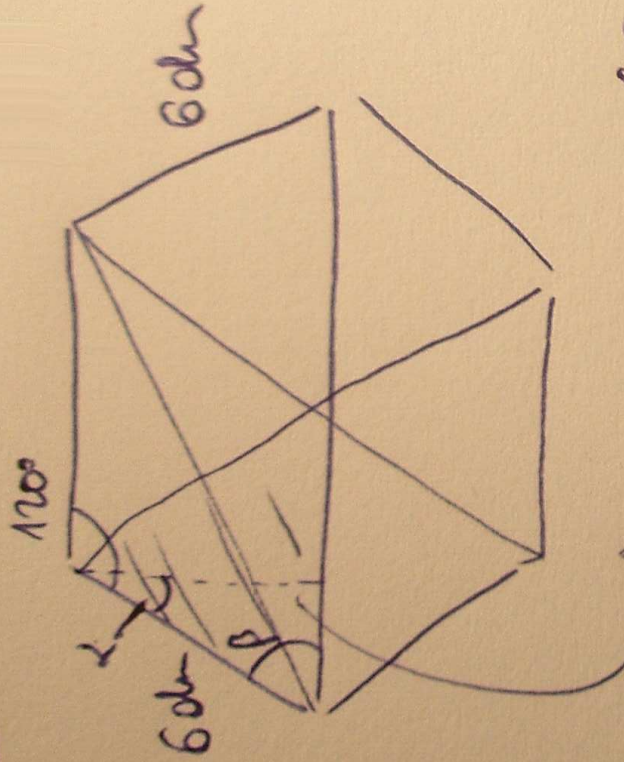


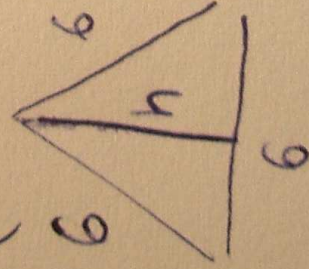
УД

$$\alpha = 120^\circ - 90^\circ = 30^\circ$$

$$\beta = 90^\circ - 30^\circ = 60^\circ$$



СИММЕТРИЯ $\beta = 60^\circ$ ПО
ТРИГОНИМЕТРИИ



$$\sqrt{3} = 1,73$$

$$P_{\Delta} = \frac{1}{2} \cdot \frac{1}{2} \cdot 6 \cdot 3\sqrt{3} = 9 \cdot 1,73 = 15,57$$

$$h^2 = 6^2 - 3^2$$

$$h^2 = 36 - 9$$

$$h = \sqrt{27} = 3\sqrt{3}$$

$$P_{\text{шестиугольника}} = 6 \cdot P_{\Delta} = 6 \cdot 15,57 = 93,42 \text{ см}^2$$

$$P_{\text{шестиугольника}} \approx 93 \text{ см}^2$$