



$\triangle ABC - \text{p.f.} \Rightarrow BM - \text{высота и угл., base.} \Rightarrow$

$$\angle ABO = 45^\circ$$

$$\triangle ABO - \text{прямоугольный} \Rightarrow AO = AB \sin 45^\circ = \frac{6\sqrt{2}}{2} = 3\sqrt{2}$$

$$AO = OB = 3\sqrt{2}$$

$$OB = h$$

$$AO = R \Rightarrow V_k = \frac{1}{3} \pi R^2 \cdot h = \frac{1}{3} \pi \cdot 18 \cdot 3\sqrt{2} =$$

$$= 18\sqrt{2} \cdot \pi \text{ см}^3$$