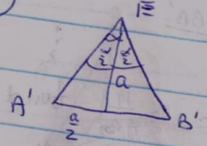


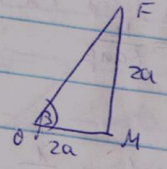
3.17  
9

(11)



$$\tan \frac{\alpha}{2} = \frac{\frac{a}{2}}{a} = \frac{1}{2} \rightarrow \tan \alpha = \frac{2 \tan \frac{\alpha}{2}}{1 - \tan^2 \frac{\alpha}{2}} = \frac{1}{1 - \frac{1}{4}} = \frac{4}{3}$$

M → DC y B' n k ... AB y B' n k ... ~~dan~~ AFB



$$\tan \beta = \frac{2a}{2a} = 1 \rightarrow \beta = 45^\circ$$

(P)  $V = V_{\text{prism}} + V_{\text{pyramid}} = 2a \cdot a \cdot a + \frac{A'B' \cdot FH}{2} \cdot B'C' = 2a^3 + \frac{a^2}{2} \cdot 2a = 3a^3$

