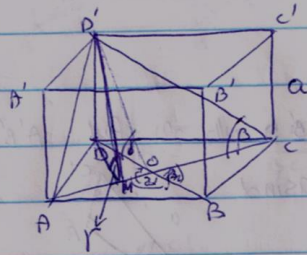


3.54
6



$AC = 2R$ (1)

$\Delta ACC': AC' = \sqrt{4R^2 + a^2}$

$\Delta AB'C': AD' = \sqrt{AC'^2 - B'C'^2} = \sqrt{4R^2 + a^2 - D'C'^2}$

$\Delta AOB: \frac{AB}{\sin 2\alpha} = \frac{AO}{\sin(90-\alpha)}$

$AB = 2R \sin \alpha$

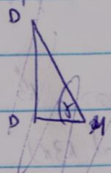
$AB = D'C' \leftarrow \sqrt{AP' \cdot B'P'}$

$AD' = \sqrt{4R^2 + a^2 - 4R^2 \sin^2 \alpha} = \sqrt{4R^2 \cos^2 \alpha + a^2}$

$D'C = \sqrt{D'C'^2 + C'C^2} = \sqrt{a^2 + 4R^2 \sin^2 \alpha}$

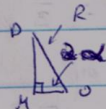
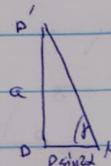
$S_{AOC'} = \frac{AC \cdot DC \cdot \sin \beta}{2} = \frac{2RS \sin \beta}{2} \sqrt{a^2 + 4R^2 \sin^2 \alpha}$ ak majak sil'na mil'na 2x sil'na p'jw'kan 1x

prjkt pada Garis d' , $\gamma \rightarrow$ jmlah ml'sn (?)



$S_{AOC'} = \frac{AC \cdot D'H}{2} = \frac{RS \sin \beta \sqrt{a^2 + 4R^2 \sin^2 \alpha}}{2}$
 $D'H = \frac{2RS \sin \beta \sqrt{a^2 + 4R^2 \sin^2 \alpha}}{2R}$

$\sin \gamma = \frac{D'D}{D'H} = \frac{a}{R \sin \beta \sqrt{a^2 + 4R^2 \sin^2 \alpha}}$



$HO = R \sin 2\alpha$

$\tan \gamma = \frac{D'D}{DO} = \frac{a}{R \sin 2\alpha}$