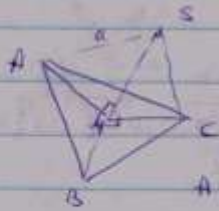
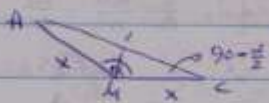
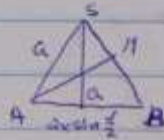


367 (6)



MSBC! ASHA = pinda ke AC - 1 A H

• pada masalah ini masalah jini pakuam



$$LC = x \sin \frac{\alpha}{2}$$

$$AC = a x \sin \frac{\alpha}{2}$$

$$S_{ASB} = \frac{AH \cdot SB}{2} = \frac{SQ \cdot AB}{2} \rightarrow SQ = \frac{AH \cdot SB}{AB}$$

$$SQ = \frac{x \cdot a}{a x \sin \frac{\alpha}{2}} = \frac{a}{a \sin \frac{\alpha}{2}}$$

$$AQ = \sqrt{SA^2 - SA^2} = \sqrt{a^2 - \frac{a^2}{4 \sin^2 \frac{\alpha}{2}}} = \frac{a}{2 \sin \frac{\alpha}{2}} \sqrt{4 \sin^2 \frac{\alpha}{2} - 1}$$

$$AB = 2AQ = \frac{a}{\sin \frac{\alpha}{2}} \sqrt{4 \sin^2 \frac{\alpha}{2} - 1}$$

$$\textcircled{7} \quad 60^\circ < \alpha < 120^\circ \leftarrow \sin \frac{\alpha}{2} > \frac{1}{2} \leftarrow \sin \frac{\alpha}{2} > \frac{1}{4} \leftarrow 4 \sin^2 \frac{\alpha}{2} - 1 > 0 \text{ (misal)}$$