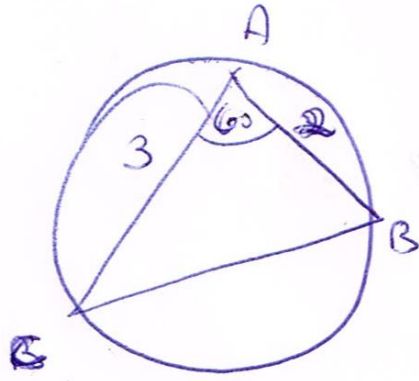


2.52
28



$$S_{ABC} = \frac{2 \cdot 3 \cdot \sin 60}{2} = \frac{3\sqrt{3}}{2}$$

$$BC = \sqrt{3^2 + 2^2 - 2 \cdot 3 \cdot 2 \cos 60} = \sqrt{7}$$

$$S_{ABC} = \frac{AB \cdot AC \cdot BC}{4R}$$

$$\frac{3\sqrt{3}}{2} = \frac{2 \cdot 3 \cdot \sqrt{7}}{4R}$$

$$R = \frac{\sqrt{7}}{3}$$