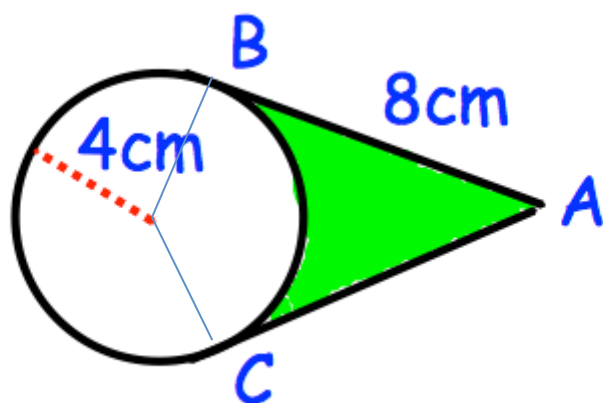


November 4th



$$\tan A\hat{O}B = 8 \div 4 = 2$$

$$A\hat{O}B = 63.43$$

$$C\hat{O}B = 126.86$$

$$\text{Area of kite } ABOC = 8 \times 4 = 32 \text{ cm}^2$$

$$\text{Area of sector } OBC = \frac{126.86}{360} \times \pi \times 4^2 = 17.714 \text{ cm}^2$$

$$\text{Hence shaded area} = 32 - 17.714.. = \mathbf{14.29 \text{ cm}^2}$$