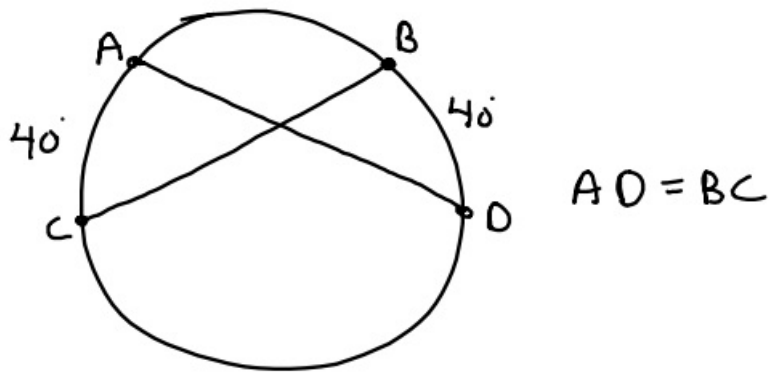
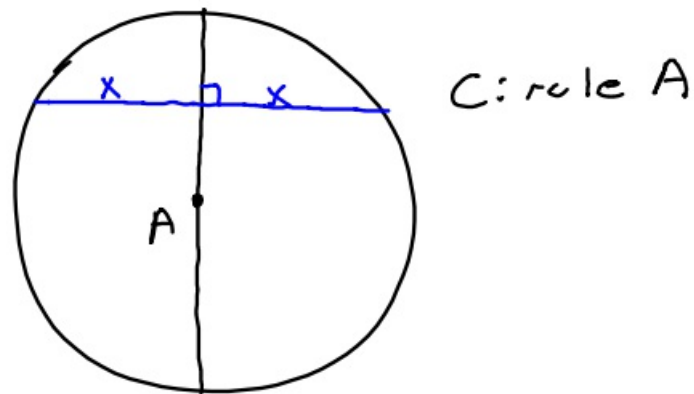
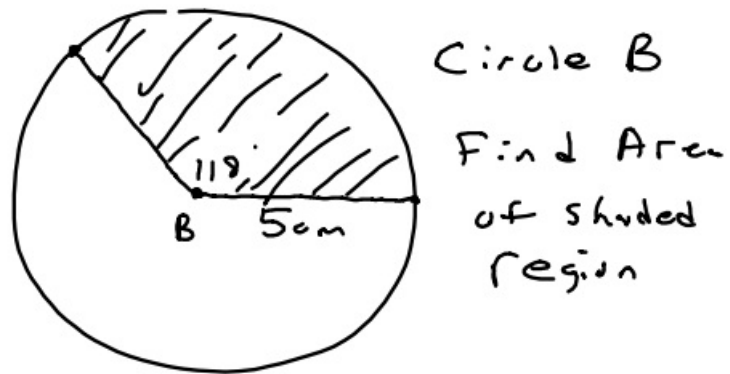


2-7-18 5th Geo
e day

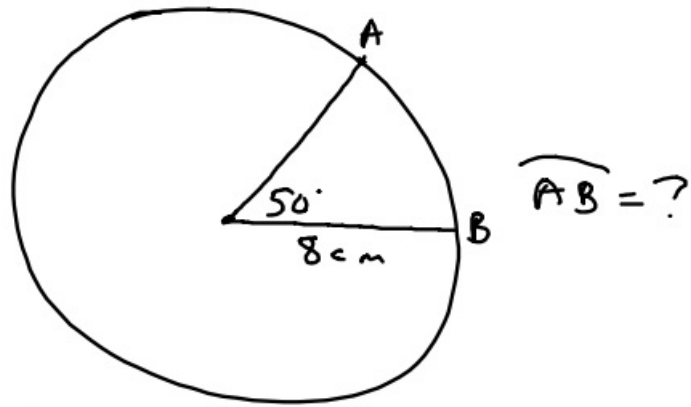


①



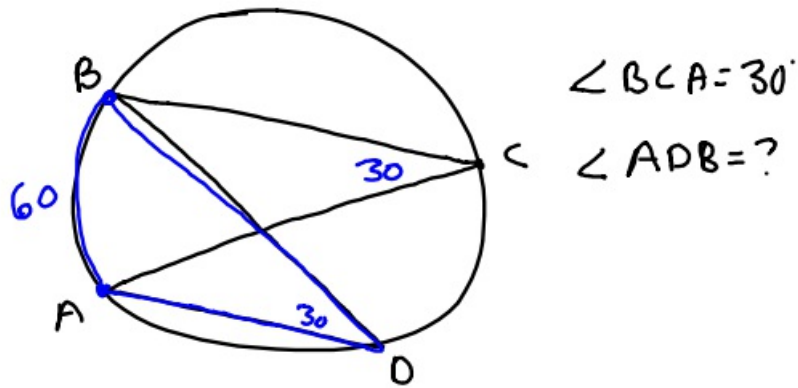
$$\frac{118}{360} \pi \cdot 5^2 \approx 25.7 \text{ cm}^2$$

②

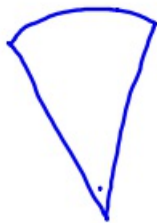


$$\frac{50}{360} \pi \cdot 16 \approx 7.0$$

③

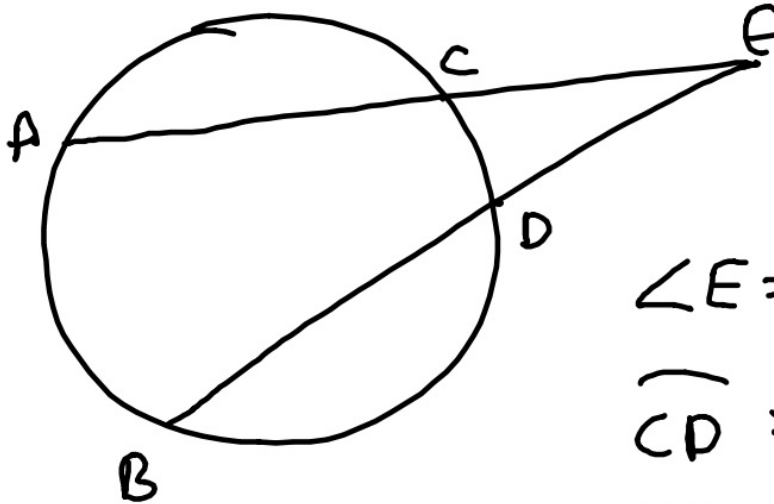


④ When the pizza guy slices my 16 inch pizza into 8 equal slices, what is the degree opening of the tip of my pizza?



$$\frac{360}{8} = 45^\circ$$

5



$$\angle E = 24^\circ$$

$$\widehat{CD} = 30^\circ$$

$$\widehat{AB} = ?$$

$$\angle E = \frac{1}{2} (\widehat{AB} - \widehat{CD})$$

$$2 \cdot 24^\circ = 2 \cdot \frac{1}{2} (\widehat{AB} - 30)$$

$$48 = \widehat{AB} - 30$$

$$+30$$

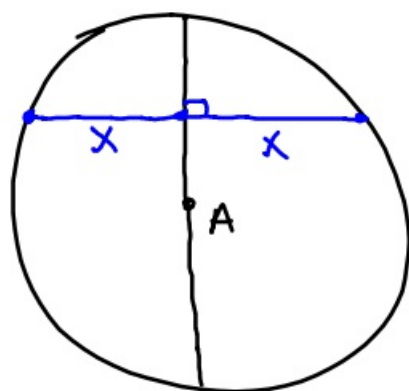
$$+30$$

$$78 = \widehat{AB}$$

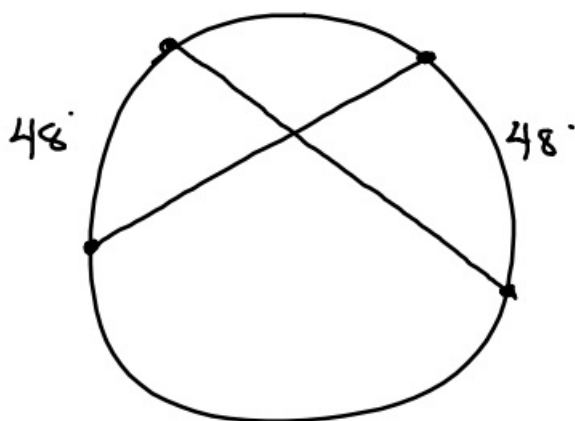
♡ Kara



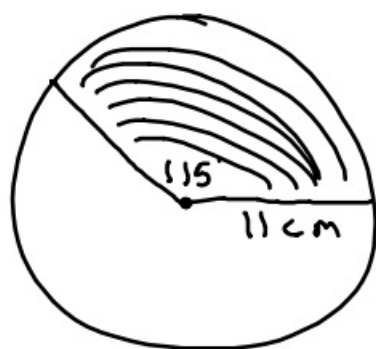
2-7-18 6th Geo
e day



Circle A



①

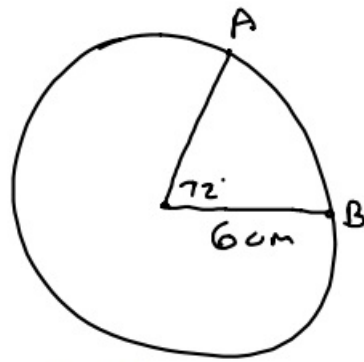


Circle A

Find area of
shaded region

$$\frac{115}{360} \cdot \pi \cdot 11^2 \approx 121.4 \text{ cm}^2$$

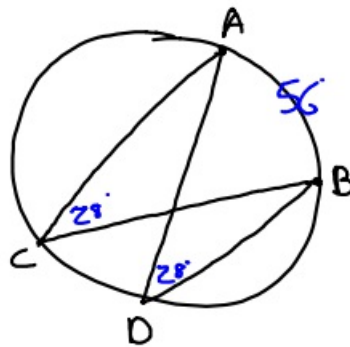
2



$$\widehat{AB} = ?$$

$$\frac{72^\circ}{360} \cdot \pi \cdot 12 \approx 7.5 \text{ cm}^2$$

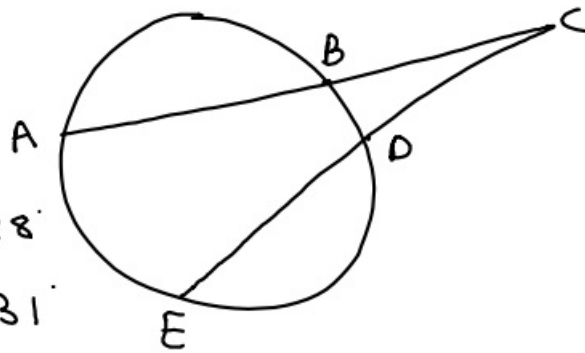
3



$$\angle C = 28^\circ$$

$$\angle D = ?$$

4



$$\angle C = 28^\circ$$

$$\widehat{BD} = 31$$

$$\widehat{AE} = ?$$

$$\angle C = \frac{1}{2} (\widehat{AE} - \widehat{BD})$$

$$2 \cdot 28 = 2 \cdot \frac{1}{2} (\widehat{AE} - 31)$$

$$56 = \widehat{AE} - 31$$

$$+31 \quad +31$$

$$87^\circ = \widehat{AE}$$