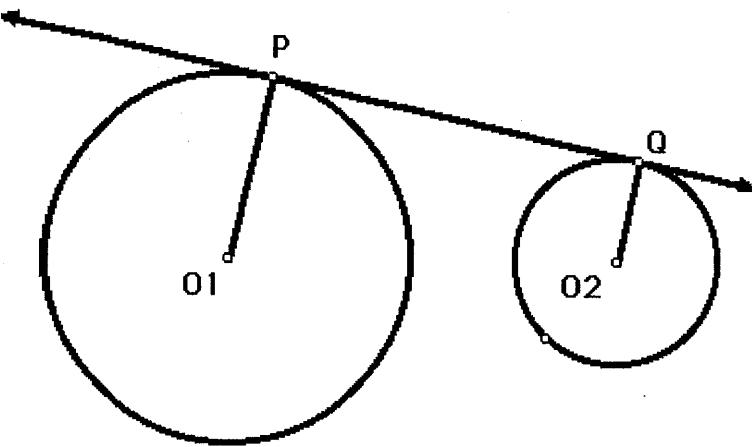


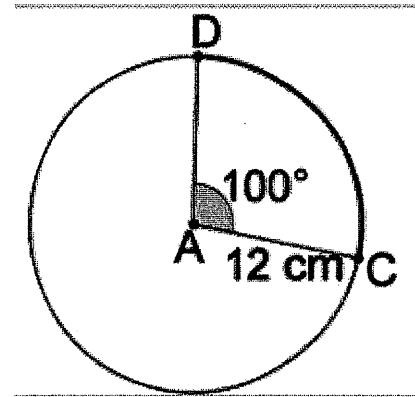
10.1-10.4 In Class Review

Vocabulary: central angle, inscribed angle, secant, semicircle , chord , minor arc, center, tangent line, radius, diameter, major arc, point of tangency, common tangent

1.



2. Find length of \widehat{CD}



3. Find measure of \widehat{AB}

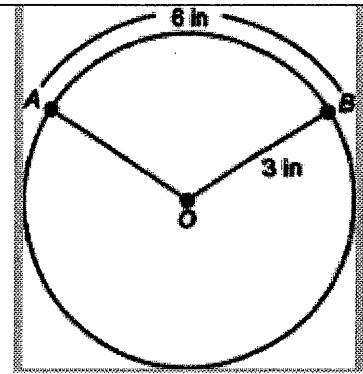
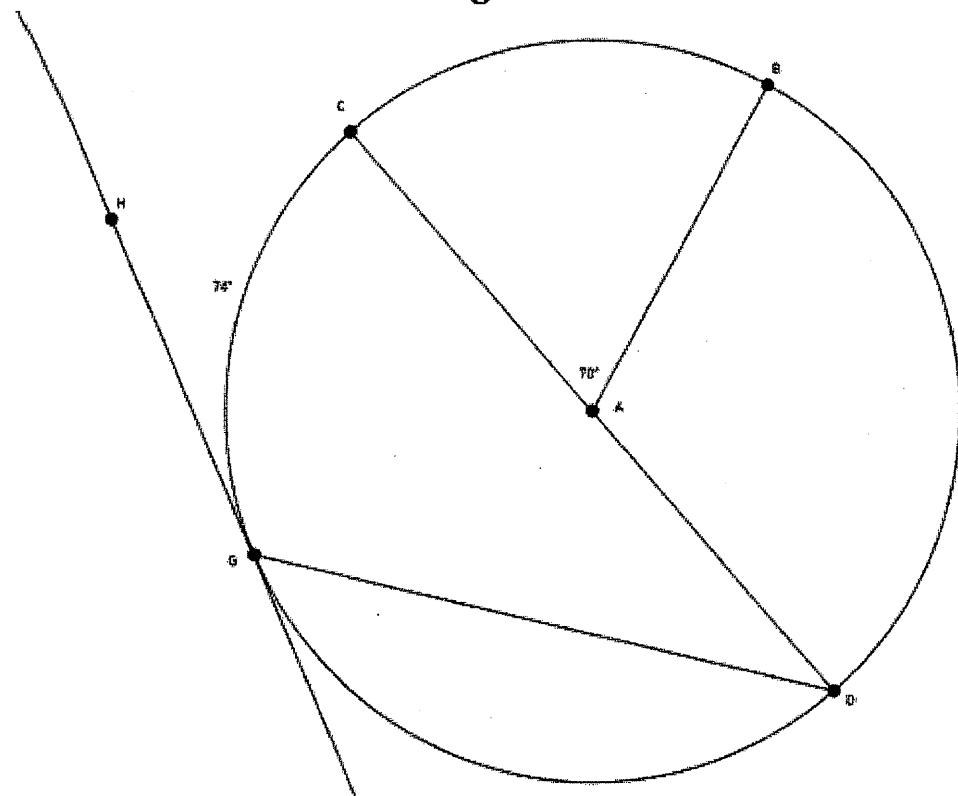


Figure 1



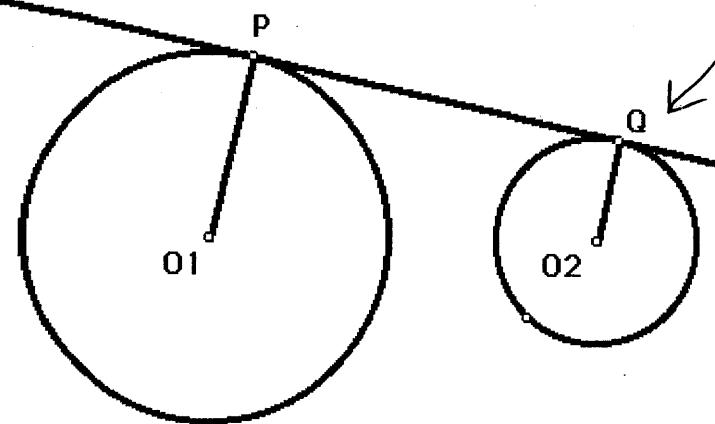
4. Find $m\widehat{CB}$ _____
5. Find $m\widehat{GD}$ _____
6. Find $m\angle GDC$ _____
7. Find $m\angle BAD$ _____
8. Find $m\widehat{CBG}$ _____

10.1-10.4 In Class Review

Vocabulary: central angle, inscribed angle, secant, semicircle, chord, minor arc, center, tangent line, radius, diameter, major arc, point of tangency, common tangent

key

1. tangent line

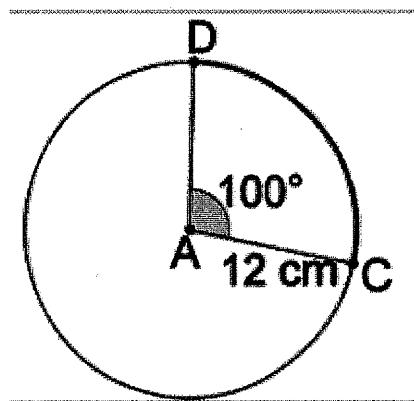


2. Find length of \widehat{CD}

$$\frac{L}{24\pi} = \frac{5}{18}$$

$$\frac{18L}{18} = \frac{120\pi}{18}$$

$$L = \frac{20\pi}{3}$$

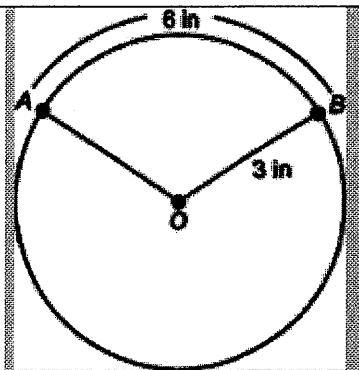


3. Find measure of \widehat{AB}

$$\frac{L}{2\pi r} = \frac{\widehat{AB}}{360}$$

$$\frac{6}{2\pi(3)} = \frac{\widehat{AB}}{360}$$

$$\frac{6}{6\pi} \rightarrow \frac{1}{\pi} = \frac{\widehat{AB}}{360}$$

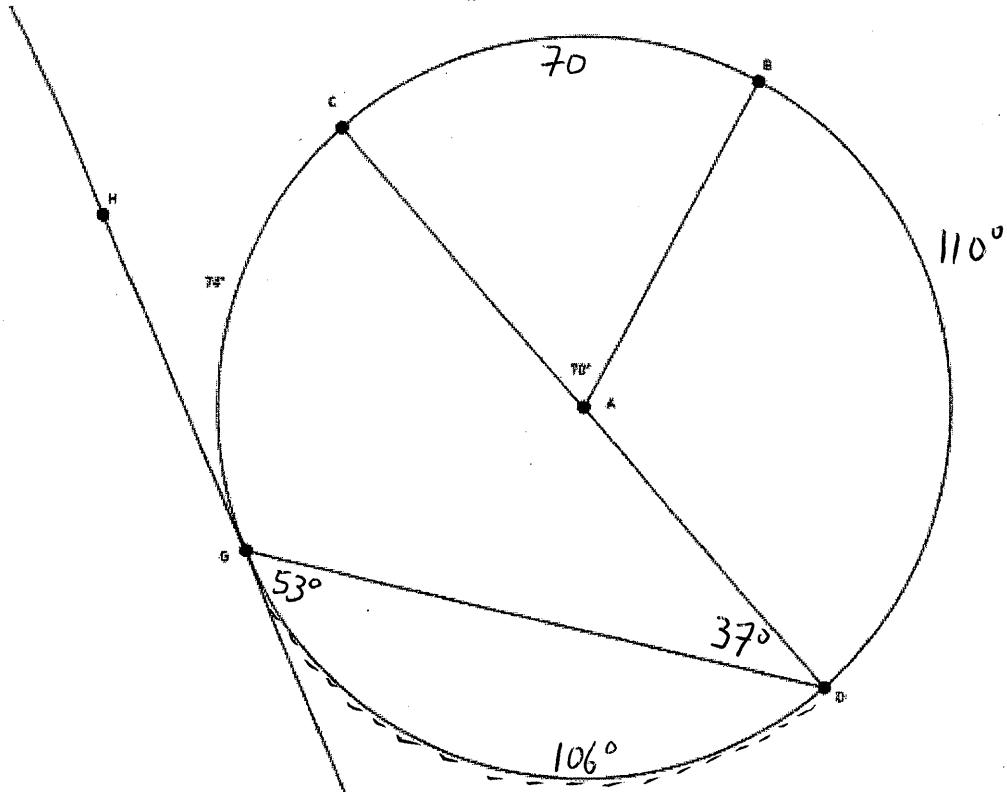


$$\widehat{AB}\pi = 360$$

$$\widehat{AB} = \frac{360}{\pi}$$

$$\widehat{AB} = 114.592^\circ$$

Figure 1



4. Find $m\widehat{CB}$ 70°

5. Find $m\widehat{GD}$ 106°

6. Find $m\angle GDC$ 37°

7. Find $m\angle BAD$ 110°

8. Find $m\widehat{CBG}$ 286°