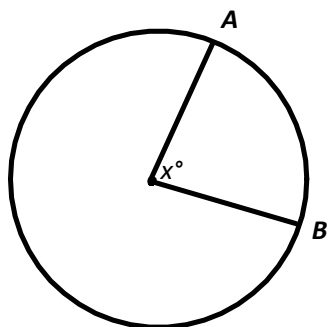
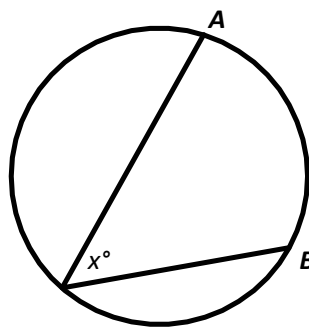


Central and Inscribed Angles



Central Angle - An angle whose vertex is at the center of the circle.

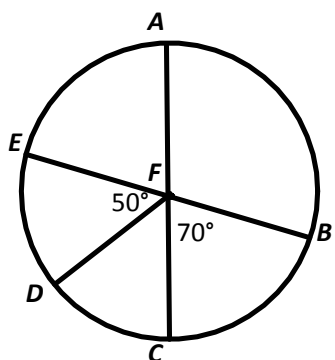
$$\angle x = m\widehat{AB}$$



Inscribed Angle - An angle whose vertex is on the circle.

$$\angle x = \frac{1}{2} m\widehat{AB}$$

1. If \overline{AFC} and \overline{EFB} are diameters, find the value of each:



a) $m\widehat{EA}$

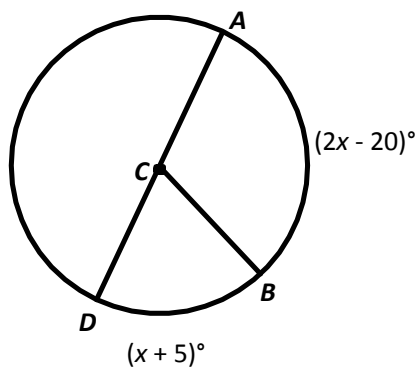
b) $m\widehat{AB}$

c) $m\widehat{DC}$

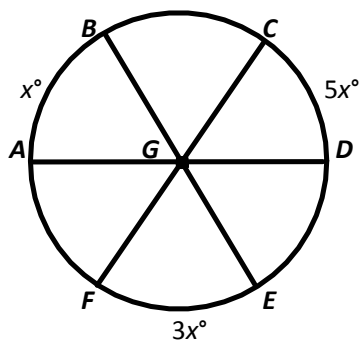
d) $m\widehat{DAC}$

e) $m\widehat{CAE}$

2. Find the value of x and $\angle DCB$.



3. Find the value of each:



a) x

b) $\angle CGD$

c) $\angle AGE$

4. Find the value of x .

