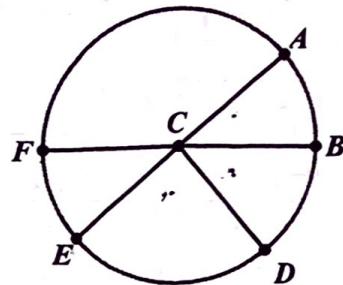


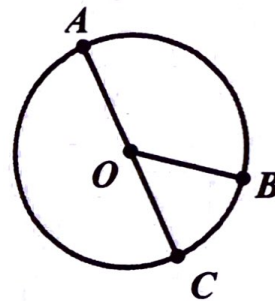
In circle C, \overline{EA} and \overline{FB} are diameters. $\overline{EA} \perp \overline{CD}$. Identify the following.

- a) Two major arcs \widehat{AED} \widehat{FAD}
- b) Two minor arcs \widehat{DB} \widehat{AB}
- c) Two semicircles \widehat{EFA} \widehat{ADE}
- d) A pair of adjacent angles $\angle FCE$ and $\angle ECD$
- e) An acute central angle $\angle FCE$
- f) An obtuse central angle $\angle FCA$



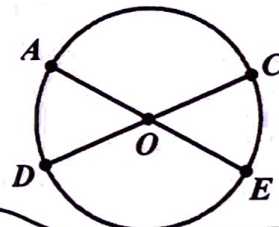
Identify the following in Circle O.

- a) \overline{AC} diameter
- b) \widehat{AB} minor arc
- c) \widehat{ABC} Semicircle
- d) \widehat{ACB} major arc
- e) \overline{OB} radius
- f) $\angle BOC$ central angle
 ↑
 vertex at center



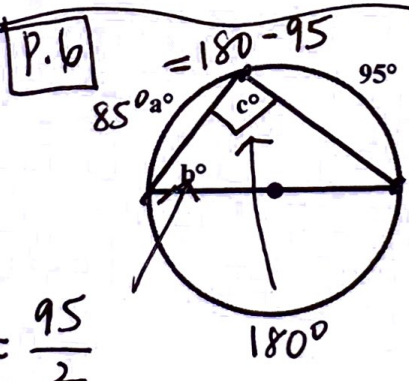
Identify the following in Circle O.

- a) The minor arcs \widehat{CE} \widehat{AD}
- b) The semicircles \widehat{DEC}
- c) The major arcs that contain point A \widehat{AEC}



Find the value of each variable.

a = 85°
 b = 47.5°
 c = 90°

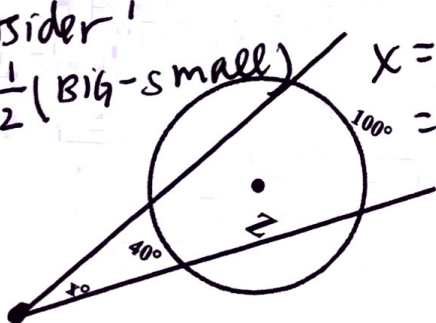


$b = \frac{95}{2}$

angle = $\frac{1}{2}(\text{Big} - \text{small})$
 $2 \cdot 25 = \frac{1}{2}(130 - x)$

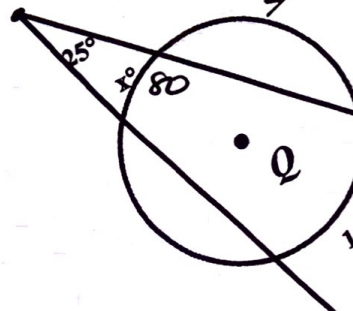
Find the value of each variable.

'outsider'
 $x = \frac{1}{2}(\text{Big} - \text{small})$



$x = \frac{1}{2}(100 - 40)$
 $100 = \frac{1}{2}(60)$
 $= 30$

x = 30°



$50 = 130 - x$
 $-130 - 130$
 $-80 = -x$

x = 80°