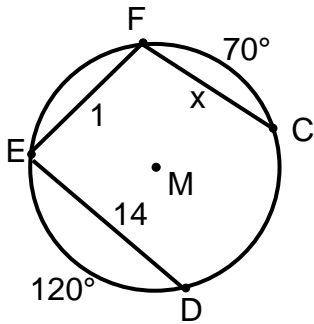


**10.3 Properties of Chords**  
**Pre-AP Geometry**

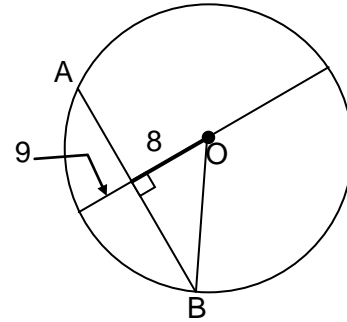
1) M is the center.  $m\widehat{CDE} = 220^\circ$ . Find x.



Worked \_\_\_\_\_ Checked \_\_\_\_\_

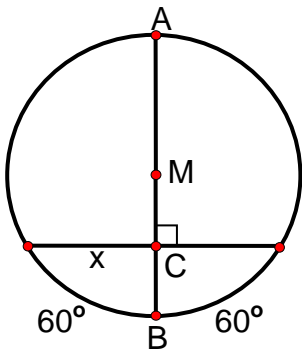
**ELABORATE**

2) O is the center. Find AB.



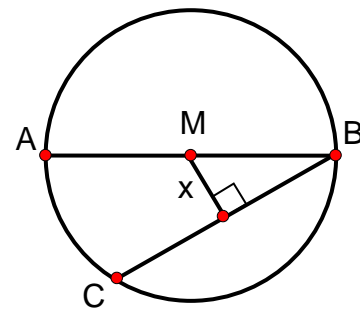
Worked \_\_\_\_\_ Checked \_\_\_\_\_

3) M is the center.  $AM = 9$ . Find x.



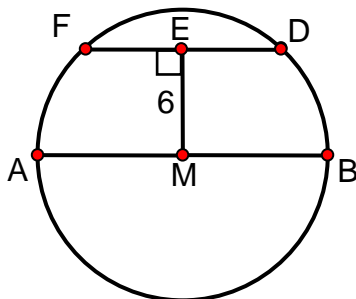
Worked \_\_\_\_\_ Checked \_\_\_\_\_

4) M is the center.  $AB = 26$  &  $CB = 20$ , find x.



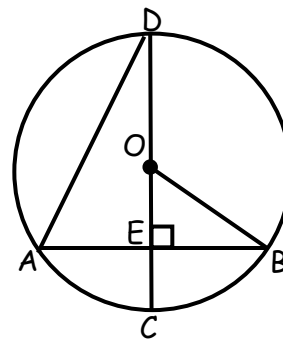
Worked \_\_\_\_\_ Checked \_\_\_\_\_

5) M is the center.  $AB = 30$ . Find FD and  $m\angle EMF$



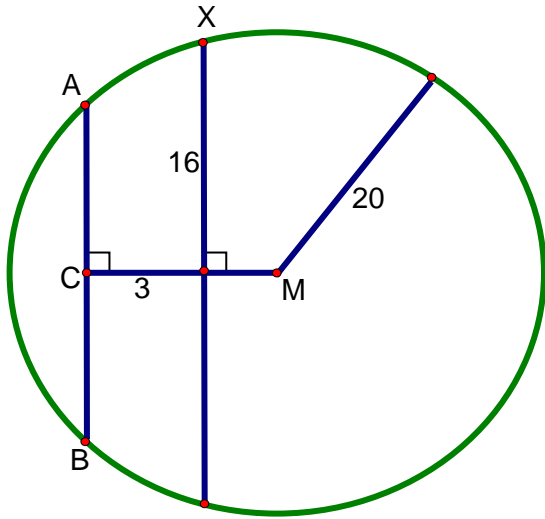
Worked \_\_\_\_\_ Checked \_\_\_\_\_

6)  $OD = 6$ ,  $AE = 3\sqrt{3}$ . Find OE.



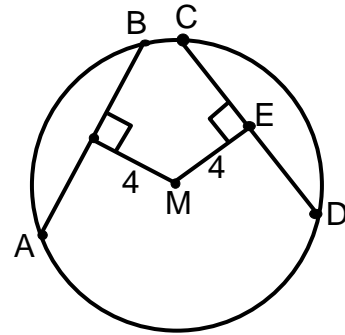
Worked \_\_\_\_\_ Checked \_\_\_\_\_

7)  $M$  is the center of the circle. Find  $AB$ .



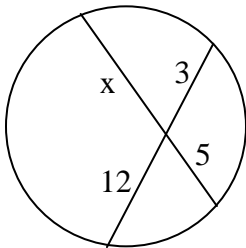
Worked \_\_\_\_\_ Checked \_\_\_\_\_

8)  $M$  is the center.  $CE = 8$ . Find  $AB$ .



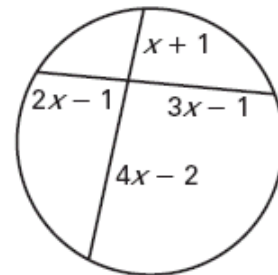
Worked \_\_\_\_\_ Checked \_\_\_\_\_

9) Find  $x$ .



Worked \_\_\_\_\_ Checked \_\_\_\_\_

10) Find  $x$ .



Worked \_\_\_\_\_ Checked \_\_\_\_\_