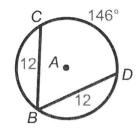
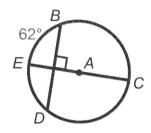
## Find the value of the indicated arc in ⊙A.

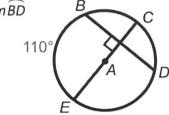




3.  $\widehat{mBC}$ 

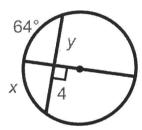


5.  $\widehat{mBD}$ 

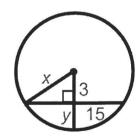


Find the value of x and/or y.

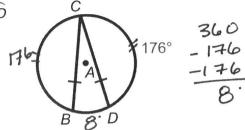
7.



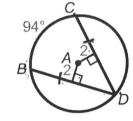
9.



2. 
$$\widehat{mBD}$$

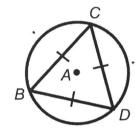


4.  $\widehat{mBD}$ 

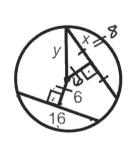


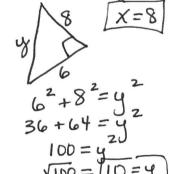
$$\frac{360}{-94}$$
 $\frac{266}{2} = 133$ 

6.  $\widehat{mBD}$ 

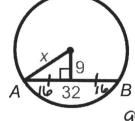


8.

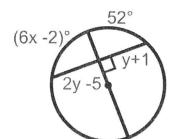




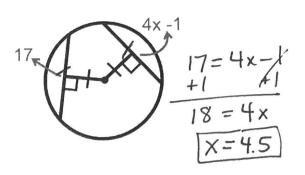
10. AB = 32



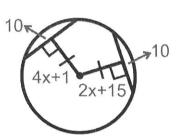




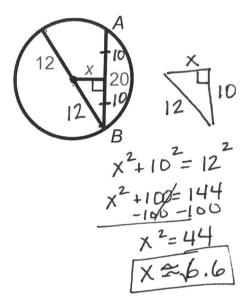
12.



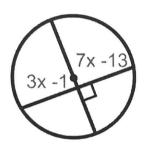
13.



14.

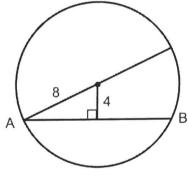


15.

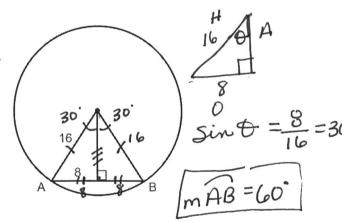


16. Find the measure of  $\widehat{AB}$  in each diagram below.

a.

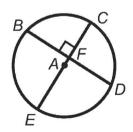


b.

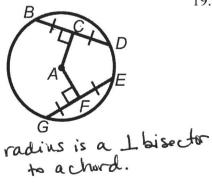


In problems 17-19, what can you conclude about the picture? State a theorem that justifies your answer. You may assume that A is the center of the circle.

17.



18.



19.

