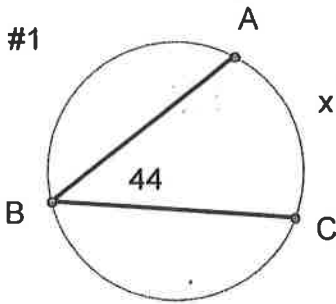


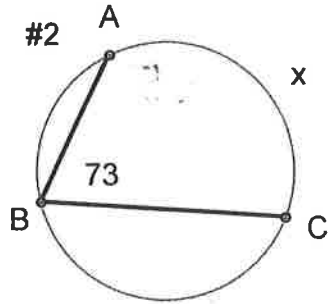
Circles
Angle Formulas

Name Key
Date _____
Period _____



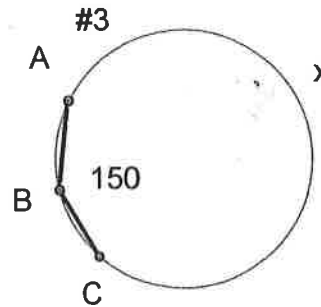
$$\angle ABC = 44$$

$$\widehat{AC} = x \quad 88$$



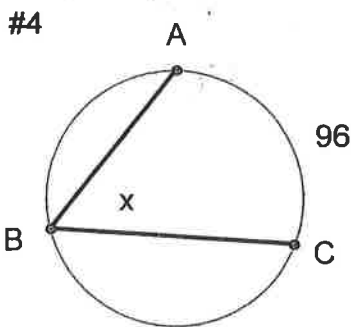
$$\angle ABC = 73$$

$$\widehat{AC} = x \quad 146$$



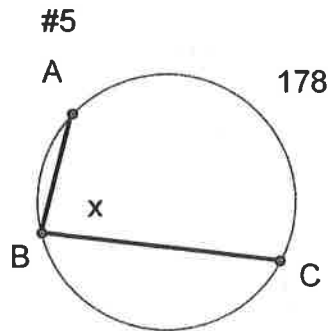
$$\angle ABC = 150$$

$$\widehat{AC} = x \quad 300$$



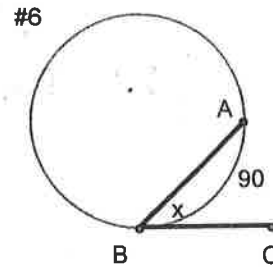
$$\angle ABC = x \quad 48$$

$$\widehat{AC} = 96$$



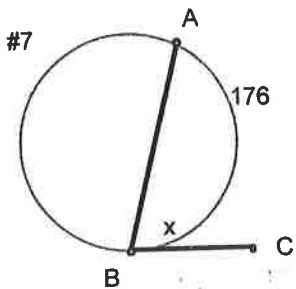
$$\angle ABC = x \quad 89$$

$$\widehat{AC} = 178$$



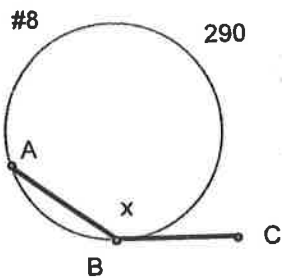
$$\angle ABC = x \quad 45$$

$$\widehat{AB} = 90$$



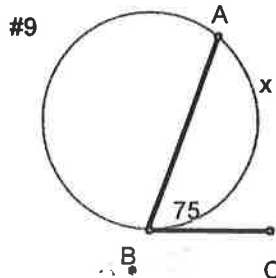
$$\angle ABC = x \quad 88$$

$$\widehat{AB} = 176$$



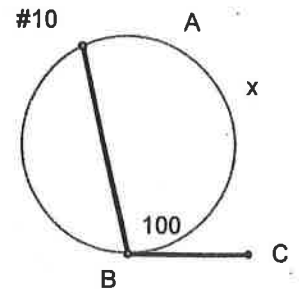
$$\angle ABC = x \quad 145$$

$$\widehat{AB} = 290$$



$$\angle ABC = 75$$

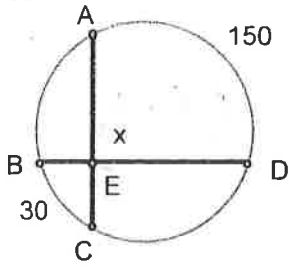
$$\widehat{AB} = x \quad 150$$



$$\angle ABC = 100$$

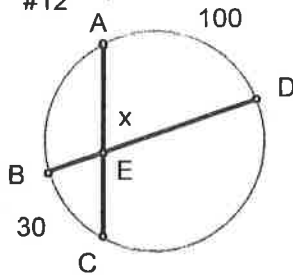
$$\widehat{AB} = x \quad 200$$

#11



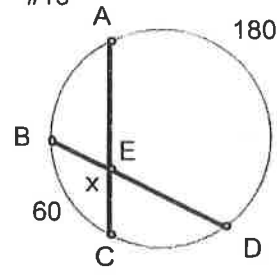
$\widehat{AD} = 150$
 $\widehat{BC} = 30$
 $\angle BEC = x$

#12



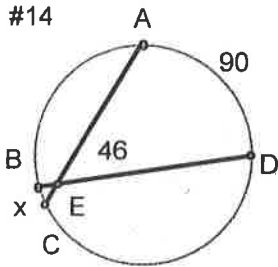
$\widehat{AD} = 100$
 $\widehat{BC} = 30$
 $\angle BEC = x$

#13



$\widehat{AD} = 180$
 $\widehat{BC} = 60$
 $\angle BEC = x$

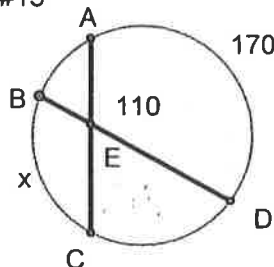
#14



$\widehat{AD} = 90$
 $\widehat{BC} = x$
 $\angle BEC = 46$

$\frac{90+x}{2} = 46$
 $90+x = 92$
 $x = 2$

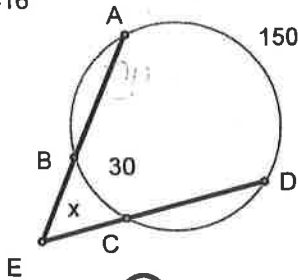
#15



$\widehat{AD} = 170$
 $\widehat{BC} = x$
 $\angle BEC = 110$

$\frac{170+x}{2} = 110$
 $170+x = 220$
 $x = 50$

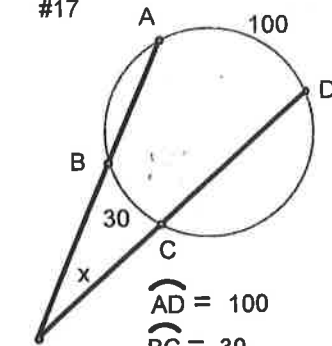
#16



$\widehat{AD} = 150$
 $\widehat{BC} = 30$
 $\angle BEC = x$

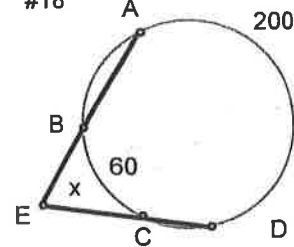
$\frac{150-30}{2}$
 $\frac{120}{2}$

#17



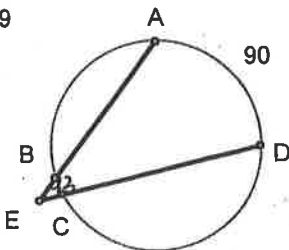
$\widehat{AD} = 100$
 $\widehat{BC} = 30$
 $\angle BEC = x$

#18



$\widehat{AD} = 200$
 $\widehat{BC} = 60$
 $\angle BEC = x$

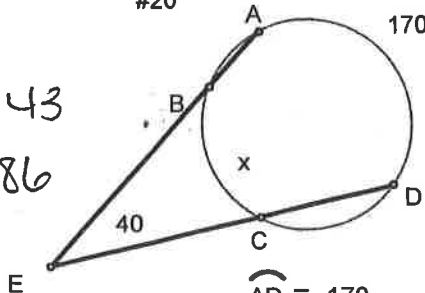
#19



$\widehat{AD} = 90$
 $\widehat{BC} = x$
 $\angle BEC = 43$

$\frac{90-x}{2} = 43$
 $90-x = 86$
 $x = 4$

#20



$\widehat{AD} = 170$
 $\widehat{BC} = x$
 $\angle BEC = 40$

$\frac{170-x}{2} = 40$
 $170-x = 80$
 $x = 90$