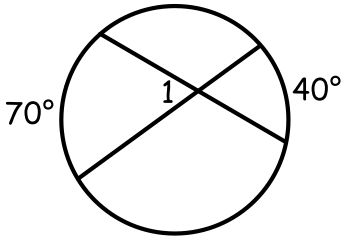
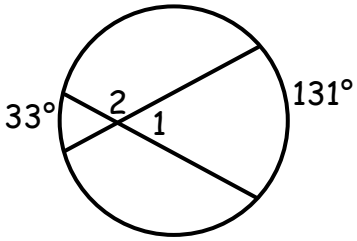
Math 2 Unit 3 Name _____

Ch 6.5 Interior Angles

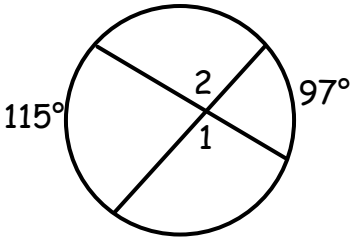
1. $m\angle 1 =$ _____



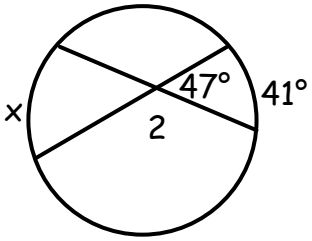
2. $m\angle 1 =$ _____ $m\angle 2 =$ _____



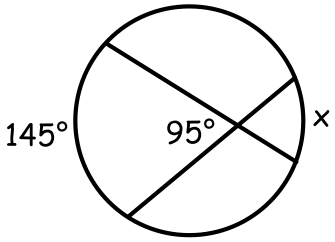
3. $m\angle 1 =$ _____ $m\angle 2 =$ _____



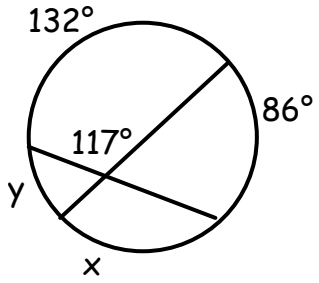
4. $m\angle 2 =$ _____ $x =$ _____



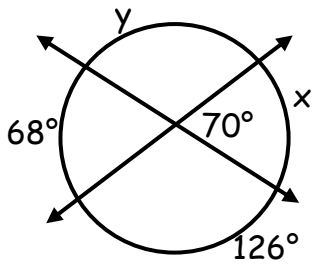
5. $x =$ _____



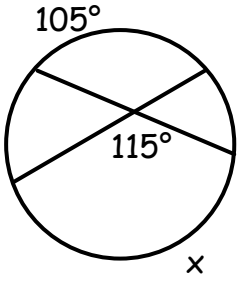
6. $x =$ _____ $y =$ _____



7. $x =$ _____ $y =$ _____



8. $x =$ _____

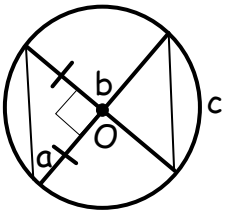


Find the measures of $\angle a$, $\angle b$, and $\overset{\frown}{c}$.

9. a = _____

b = _____

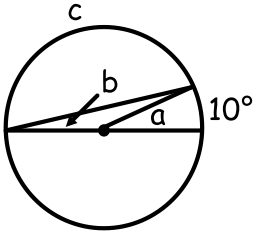
c = _____



10. a = _____

b = _____

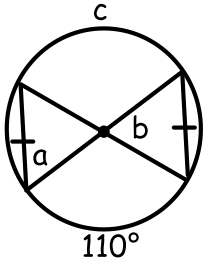
c = _____



11. a = _____

b = _____

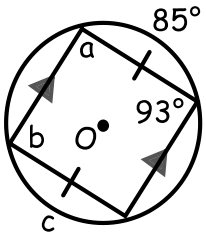
c = _____



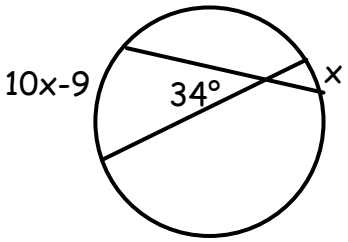
12. a = _____

b = _____

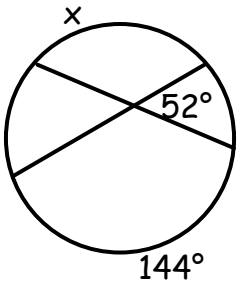
c = _____



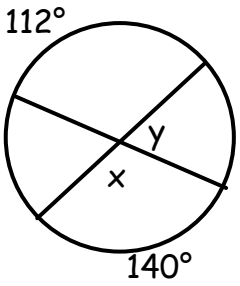
13. x = _____



14. x = _____

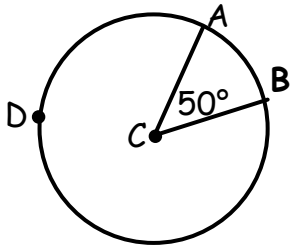


15. x = _____ y = _____

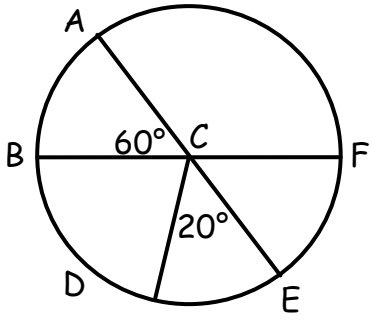


Decide if the following angles are Central, Inscribed, or Inside. Then find the value of the indicated measure.

16. mAB = _____ $mADB$ = _____



17.



$\overline{AE}$ and $\overline{BF}$ are diameters.

mAB = _____ mBE = _____

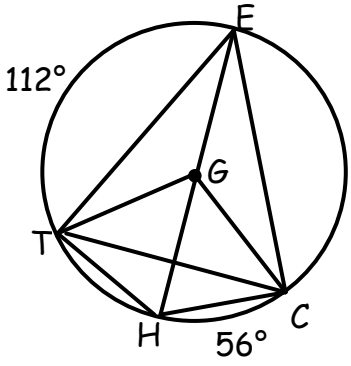
$mBEF$ = _____ $mAFD$ = _____

mEF = _____ mAF = _____

$mEAF$ = _____ mDE = _____

mFB = _____ $mAEB$ = _____

18.



$m\angle HEC$ = _____ $m\angle TEH$ = _____

mHT = _____ mTC = _____

$m\angle EGC$ = _____ $mECH$ = _____

$m\angle TGH$ = _____ $mCTE$ = _____

$m\angle TEC$ = _____ $m\angle ETH$ = _____

$m\angle TCE$ = _____ $m\angle ETC$ = _____