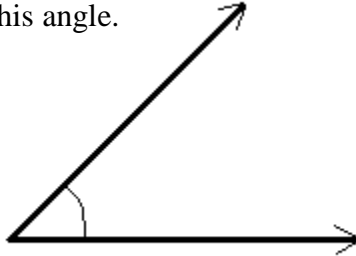


Name: \_\_\_\_\_

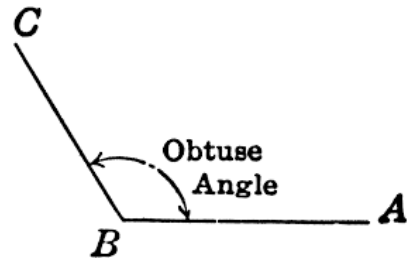
Period: \_\_\_\_\_

### Review for Geometry Unit 3 Test: Angles

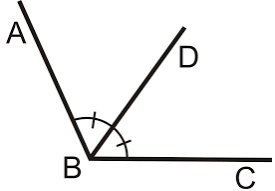
1. Measure and classify this angle.



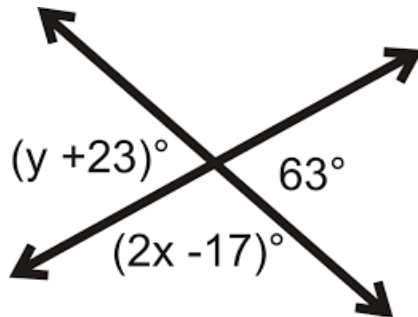
2. Give 3 acceptable names for this angle.



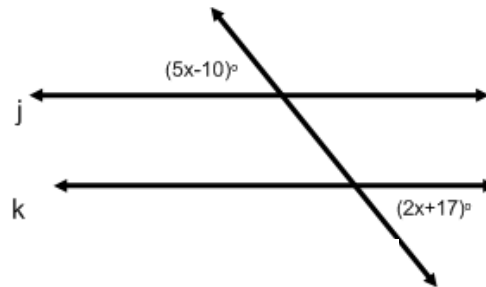
3. Ray BD bisects  $\angle ABC$ . If  $m\angle ABC = 136^\circ$ , what is the measure of  $m\angle CBD$ ?



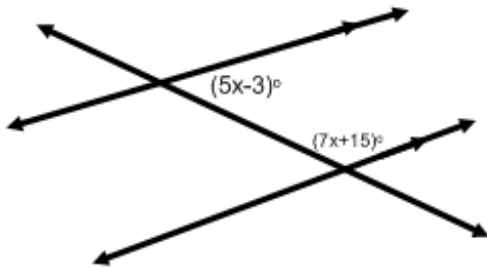
4. Solve for both variables.



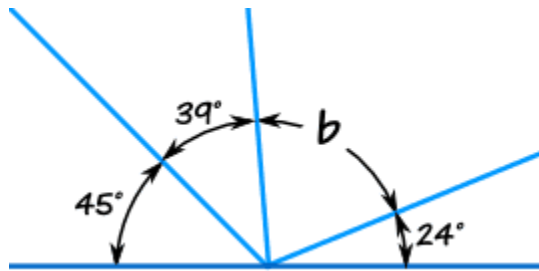
5. If  $j \parallel k$ , solve for  $x$ .



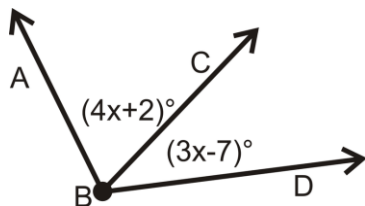
6. Solve for  $x$ .



7. What is the value of  $b$  in the picture below?



8. If  $m\angle ABD = 100^\circ$ , find  $x$  and  $m\angle ABC$  and  $m\angle CBD$ ?



9. Solve for the missing angle measurements.

$m\angle 1 =$

$m\angle 2 =$

$m\angle 3 =$

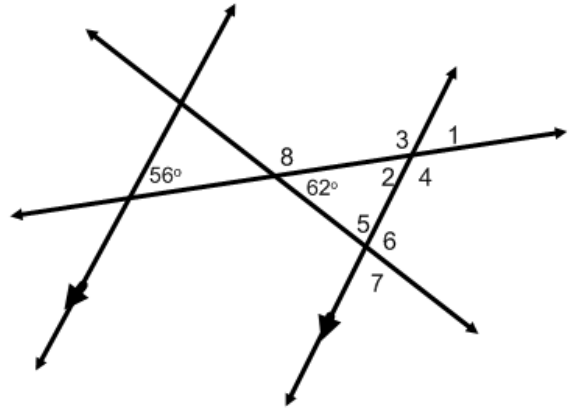
$m\angle 4 =$

$m\angle 5 =$

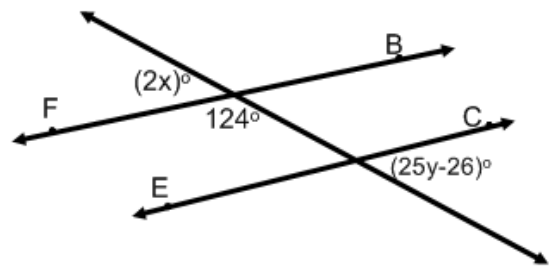
$m\angle 6 =$

$m\angle 7 =$

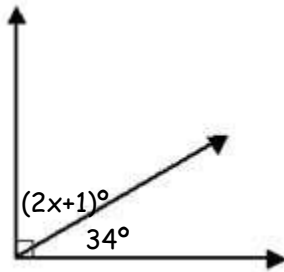
$m\angle 8 =$



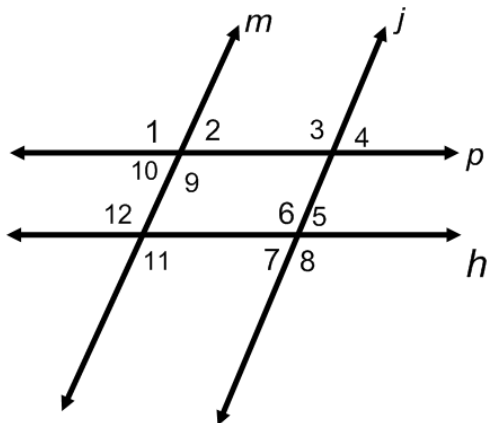
10. Find the values of  $x$  and  $y$  so that  $\overline{FB} \parallel \overline{EC}$



11. Solve for  $x$ .



12. Construct a proof.



Given:  $p \parallel h, j \parallel m$

Prove:  $\angle 2 \cong \angle 5$