Name _____ **Date** _____

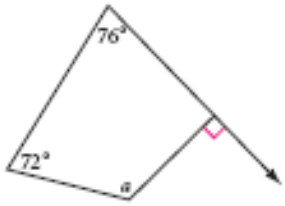
Geometry **Mr. Lupinacci**

TEST PRACTICE

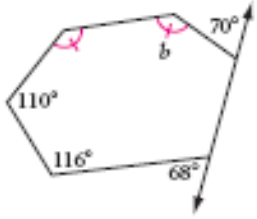
Polygons

In Exercises 3–8, use your conjectures to calculate the measure of each lettered angle.

3. $a = \underline{?}$



4. $b = \underline{?}$

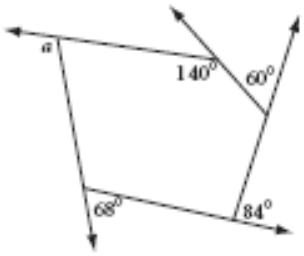


5. $e = \underline{?}$

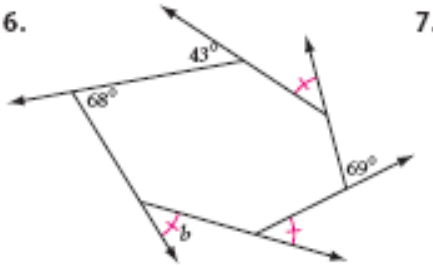
$f = \underline{?}$

In Exercises 5–10, use your new conjectures to calculate the measure of each lettered angle.

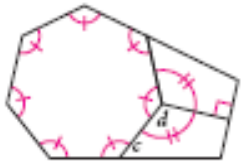
5.



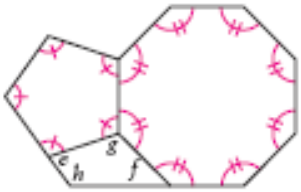
6.



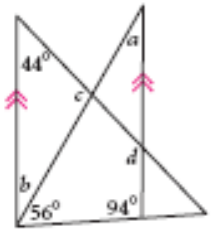
7. ⓗ



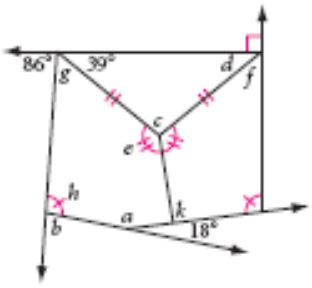
8.



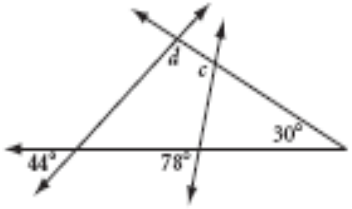
9.



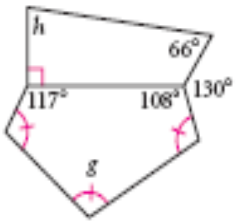
10.



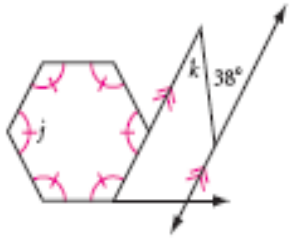
6. $c = \underline{?}$
$d = \underline{?}$ (h)



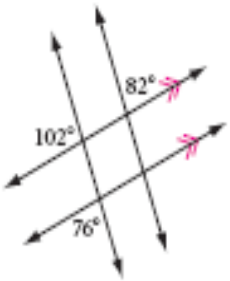
7. $g = \underline{?}$ (h)
$h = \underline{?}$



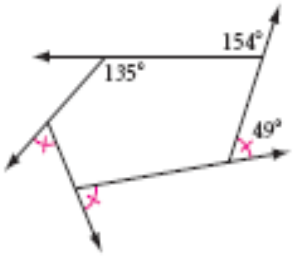
8. $j = \underline{?}$
$k = \underline{?}$



9. ***Developing Proof*** What's wrong with this picture?



10. ***Developing Proof*** What's wrong with this picture?



11. Three regular polygons meet at point A. How many sides does the largest polygon have?