

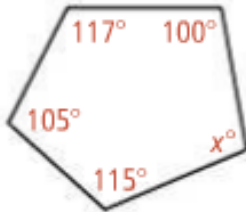
Name: \_\_\_\_\_  
Geometry

Date: \_\_\_\_\_  
Band: \_\_\_\_\_

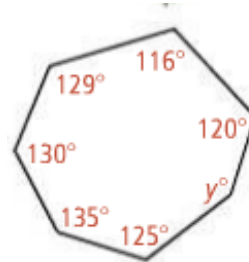
### Unit 8: Polygons & Quadrilaterals PBA Practice

Find the missing angle measures.

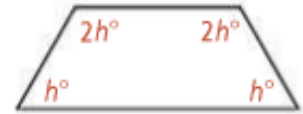
1.



2.

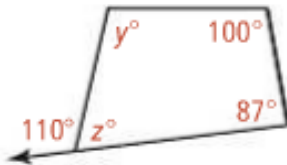


3.

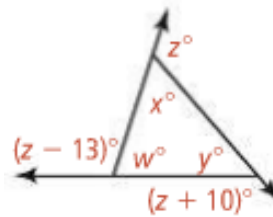


Find the value of each variable.

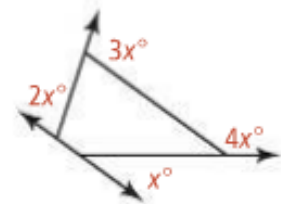
4.



5.



6.



The measure of an interior angle of a regular polygon is given. Find the measure of an exterior angle. Then find the number of sides.

7. 108

8. 144

9. 162

10. 150

Find the value of each variable. Then find the each angle measure.

11.



12. Prove that Quadrilateral  $RSTQ$  is a parallelogram using coordinate geometry. Show all of your computational work.

