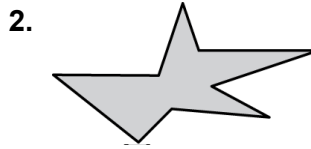


Chapter 3 **ADV Take Home Quiz**
3.3- 3.4

Answers

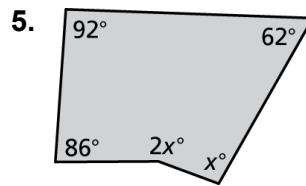
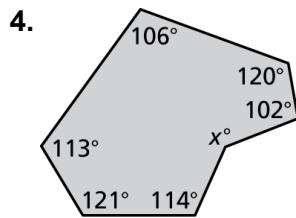
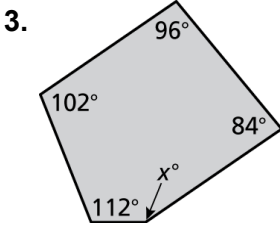
Find the sum of the interior angle measures of the polygon.



1. _____

2. _____

Find the measures of the interior angles of the polygon.

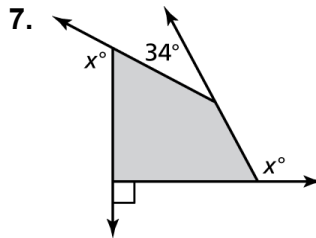
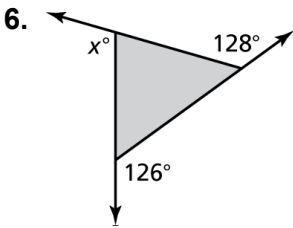


3. _____

4. _____

5. _____

Find the measures of the exterior angles of the polygon.

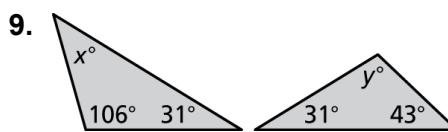
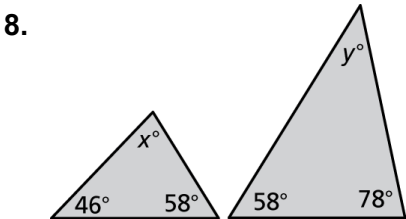


6. _____

7. _____

8. _____

Tell whether the triangles are similar. Explain.



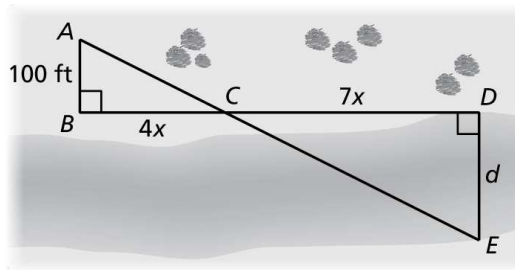
9. _____

10. The sum of the interior angle measures of a polygon is 5220° . How many sides does the polygon have?

11. You are trying to find the distance d across the river.

a. Explain why $\triangle ABC$ and $\triangle EDC$ are similar.

b. What is the distance across the river?



10. _____

11. a. _____

b. _____