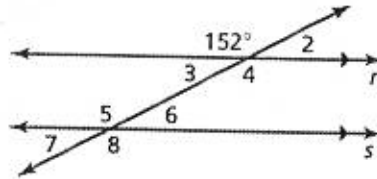


Chapter 3 Practice Test

Use the figure to find the measure of the angle. Explain your reasoning.

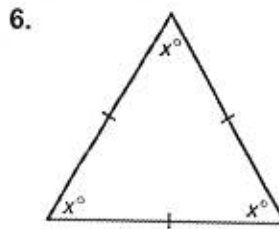
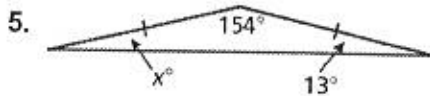


1. $\angle 4$
2. $\angle 5$
3. $\angle 8$
4. $\angle 6$

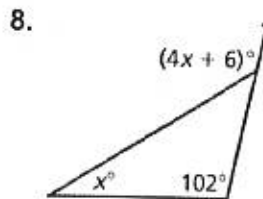
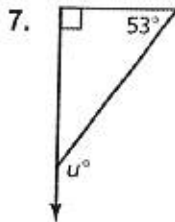
Answers

1. _____
See left.
2. _____
See left.
3. _____
See left.
4. _____
See left.
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

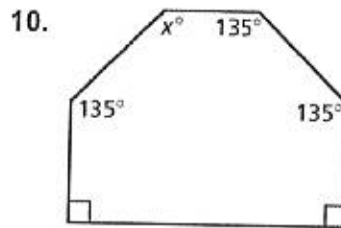
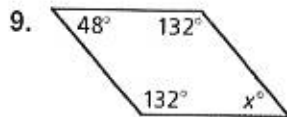
Find the measures of the interior angles.



Find the measure of the exterior angle.



Find the measures of the interior angles of the polygon.

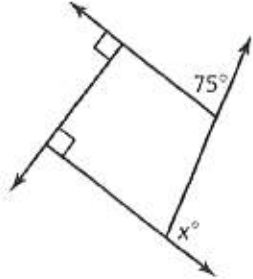


Chapter 3

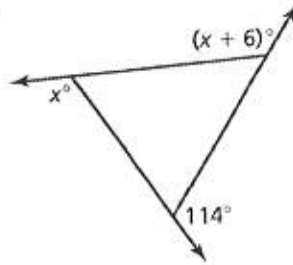
Practice Test

Find the measures of the exterior angles of the polygon.

11.



12.



Answers

11. _____

12. _____

13. _____

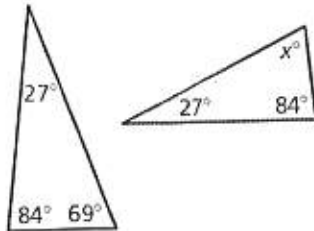
14. _____

15. See left.

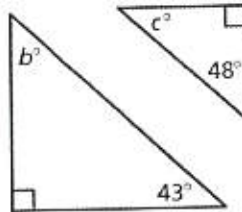
16. _____

Tell whether the triangles are similar. Explain.

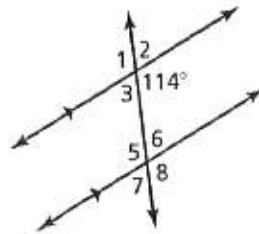
13.



14.



15. Describe two ways you can find the measure of $\angle 1$.



16. Can a hexagon have angles that measure 85° , 62° , 135° , 95° , 173° , and 160° ? Explain.