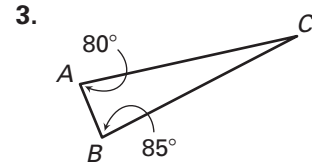
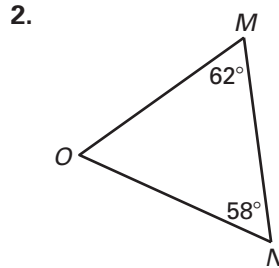
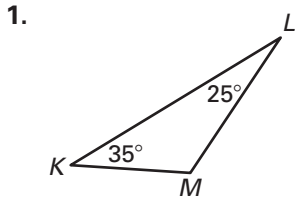


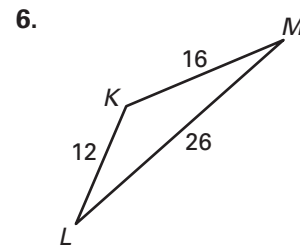
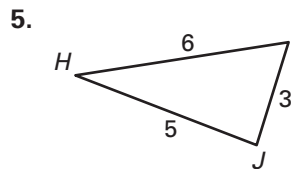
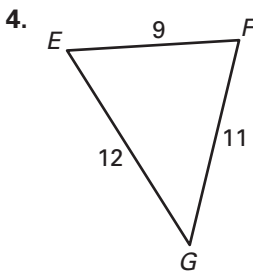
Practice B

For use with pages 295–301

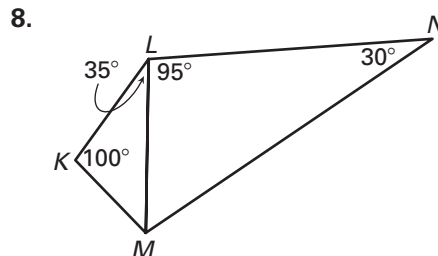
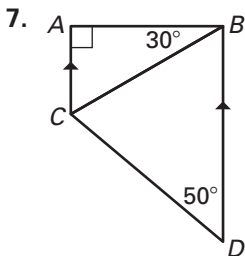
Name the shortest and longest sides of the triangle.



Name the smallest and largest angles of the triangle.



List the sides in order from shortest to longest.



In Exercises 9–12, you are given an 18-inch piece of wire. You want to bend the wire to form a triangle so that the length of each side is a whole number.

9. Sketch four possible isosceles triangles and label each side length.
10. Sketch a possible acute scalene triangle.
11. Sketch a possible obtuse scalene triangle.
12. List two combinations of segment lengths that will not produce triangles.

Find the possible measures for \overline{XY} in $\triangle XYZ$.

13. $XZ = 2$ and $YZ = 3$
14. $XZ = 8$ and $YZ = 10$
15. $XZ = 7$ and $YZ = 11$
16. Curtis City is 60 miles NE of Angel Falls. Davis Springs is 40 miles SE of Angel Falls. Is it possible that Curtis City and Davis Springs are less than 100 miles apart? Justify your answer.