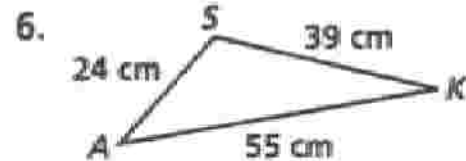
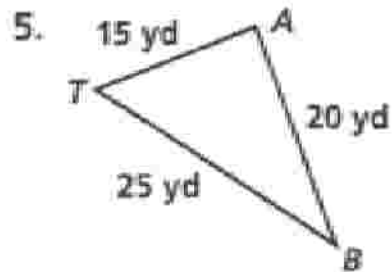
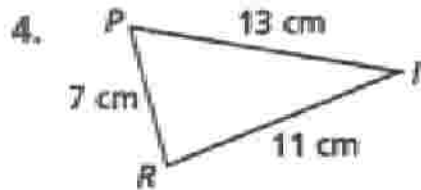
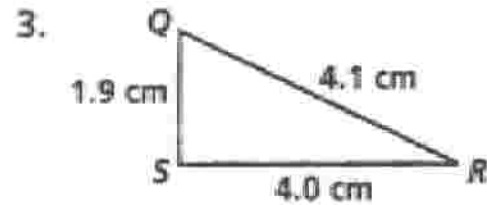
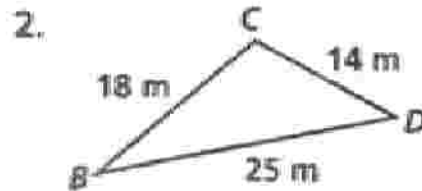
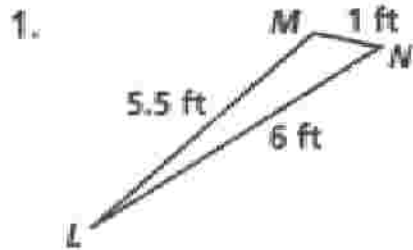


Practice 4-6

Mixed Exercises

Determine the two largest angles in each triangle.



Is it possible for a triangle to have sides with the given lengths? Explain.

7. 4 m, 7 m, and 8 m

8. 6 m, 10 m, and 17 m

9. 4 in., 4 in., and 4 in.

10. 1 yd, 9 yd, and 9 yd

11. 11 m, 12 m, and 13 m

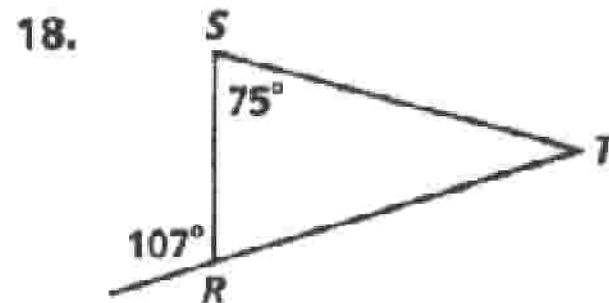
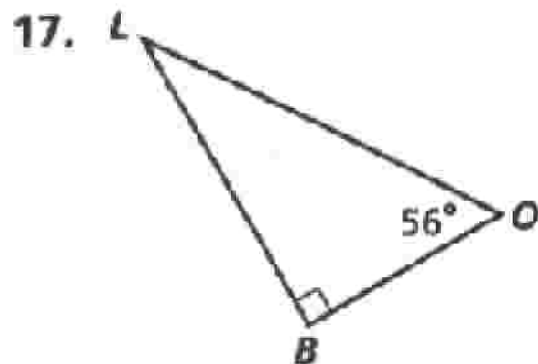
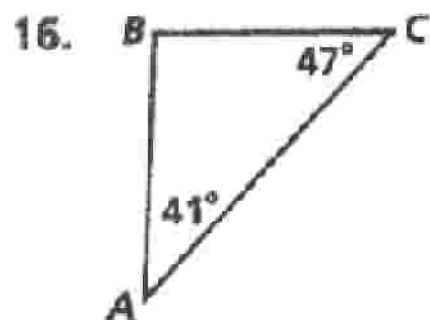
12. 18 ft, 20 ft, and 40 ft

13. 1.2 cm, 2.6 cm, and 4.9 cm

14. $8\frac{1}{2}$ yd, $9\frac{1}{4}$ yd, and 18 yd

15. 2.5 m, 3.5 m, and 6 m

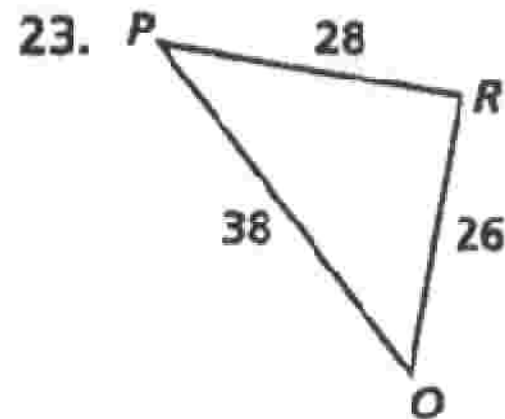
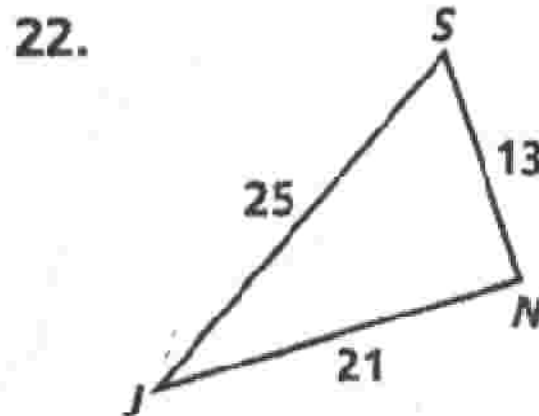
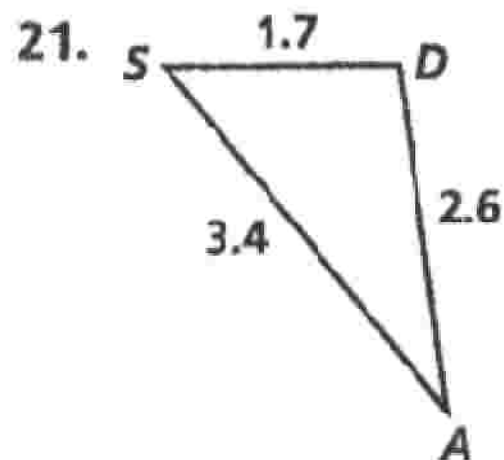
List the sides of each triangle in order from shortest to longest.



19. $\triangle LAM$, where $m\angle L = 46$,
 $m\angle A = 90$, and $m\angle M = 44$.

20. $\triangle DIN$, where $m\angle D = 55$,
 $m\angle I = 20$, and $m\angle N = 105$.

List the angles of each triangle in order from largest to smallest.



24. $\triangle GHI$, where $GH = 21$, $HI = 6$, and $GI = 26$.

25. $\triangle DFH$, where $DF = 6$, $FH = 7$, and $DH = 8$.

26. $\triangle TUV$, where $TU = 4$, $UV = 6$, and $TV = 8$.

