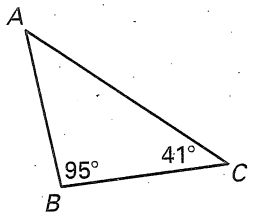
LESSON 5.5

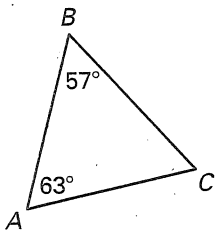
NAME _____ DATE _____

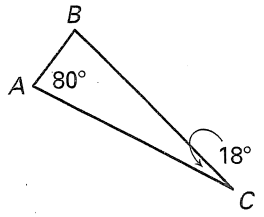
Practice C

For use with pages 295–301

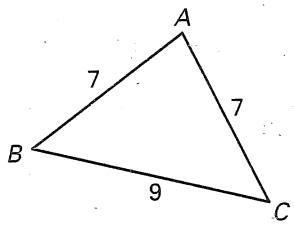
Name the shortest and longest sides of the triangle.

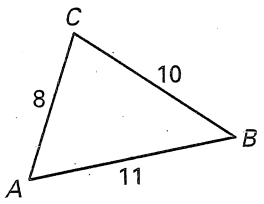
1. 

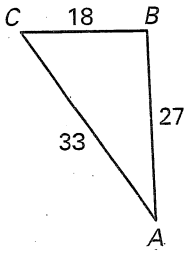
2. 

3. 

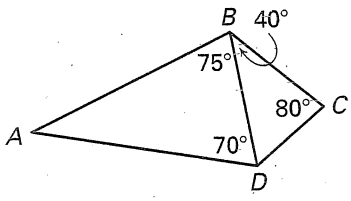
Name the smallest and largest angles of the triangle.

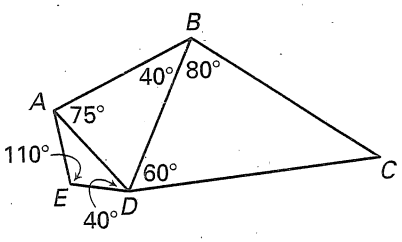
4. 

5. 

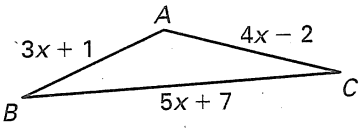
6. 

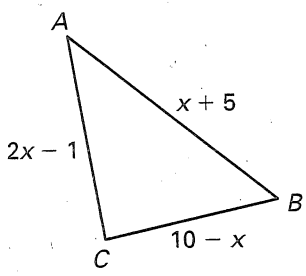
List the sides in order from shortest to longest.

7. 

8. 

Solve the inequality $AB + AC > BC$.

9. 

10. 

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

11. $XZ = 6$ and $YZ = 6$

12. $XZ = 9$ and $YZ = 5$

13. $XZ = 11$ and $YZ = 6$

14. You are asked to fence in a triangular playground. Two sides of the playground have lengths of 100 feet and 200 feet. What is the maximum total length of fence you could possibly need?