

SECTION 6.5: INEQUALITIES IN ONE TRIANGLE

Homework: _____

Learning Targets:

- 6a. Understanding of determining with side lengths can form a triangle
- 6b. Understanding of how to set up and solve inequalities dealing with sides and angles in one triangle

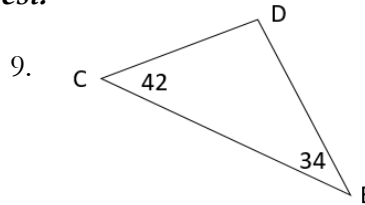
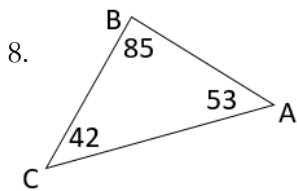
Determine if the given lengths form a triangle

1. 5, 12, 10 2. 7, 10, 18 3. 5, 8, 3 4. 3, 3, 5

Describe the possible lengths of a third side of a triangle, given the two side measures.

5. 10 and 15 6. 12 and 4 7. 8 and 15

List the sides of the triangle from smallest to largest.



List the angles of the triangle from largest to smallest.

