

Name : _____

Triangle Inequality

If the measures of two sides of a triangle are given, determine the least possible whole number measure of the third side.

1) 28 in, 20 in

2) 18 ft, 39 ft

3) 7 yd, 27 yd

5) 36 ft, 30 ft

7) 10 in, 23 in

9) A watermelon is sliced in the shape of a triangle. If two sides of the slice, measure 6 inches and 9 inches, what is the least possible third side measure?

a) 3 inches

b) 6 inches

c) 4 inches

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Triangle Inequality

If the measures of two sides of a triangle are given, determine the least possible whole number measure of the third side.

1) 28 in, 20 in

2) 18 ft, 39 ft

9 in**22 ft**

3) 7 yd, 27 yd

21 yd

5) 36 ft, 30 ft

7 ft

7) 10 in, 23 in

14 in**9 ft**

9) A watermelon is sliced in the shape of a triangle. If two sides of the slice, measure 6 inches and 9 inches, what is the least possible third side measure?

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