

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) 9 yd, 32 yd

2) 33 in, 12 in

3) 19 ft, 25 ft

5) 13 in, 11 in

7) 29 yd, 24 yd

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9) Ryan carves a stone in the shape of a scalene triangle. If the lengths of the two sides of the triangle are 3 inches and 4 inches, what is the least possible third side length of the carving?

a) 4 inches

b) 2 inches

c) 3 inches

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2) 33 in, 12 in

24 yd**22 in**

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7 ft

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3 in

7) 29 yd, 24 yd

6 yd**13 in**

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