

Name : _____

Triangle Inequality

If the measures of two sides of a triangle are given, find the range of possible measures of the third side (x).

1) 13 yd, 18 yd

2) 27 ft, 20 ft

3) 25 in, 7 in

5) 16 ft, 19 ft

7) 32 yd, 21 yd

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9) Robert stitches a lateen sail for his boat. If the lengths of two sides of the sail are 4 yards each, what is the possible third side measure of the sail?

a) 8 yards

b) 10 yards

c) 7 yards