

Name : _____

Triangle Inequality

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

1) 9 yd, 4 yd

2) 16 yd, 7 yd

3) 12 in, 27 in

5) 17 ft, 13 ft

7) 15 yd, 18 yd

9) Dany makes a triangular kite of two side lengths 11 inches and 13 inches, what is the maximum possible third side length of his kite?

a) 24 inches

b) 23 inches

c) 21 inches

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Triangle Inequality

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

1) 9 yd, 4 yd

2) 16 yd, 7 yd

12 yd**22 yd**

3) 12 in, 27 in

38 in

5) 17 ft, 13 ft

29 ft

7) 15 yd, 18 yd

32 yd**23 ft**

9) Dany makes a triangular kite of two side lengths 11 inches and 13 inches, what is the maximum possible third side length of his kite?

a) 24 inches

~~b)~~ **23 inches**

c) 21 inches

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