

Name : _____

Triangle Inequality

Determine if the three lengths can be the measures of the sides of a triangle.

1) 11 yd, 15 yd and 27 yd

2) 39 in, 28 in and 23 in

3) 4 in, 5 in and 7 in

5) 8 ft, 15 ft and 20 ft

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ft

d 29 yd

7) If Jack cuts a chart as a scalene triangle, which of the following sets are the possible side lengths of the triangle?

a) 7 in, 23 in, 14 in

b) 3 in, 4 in, 7 in

c) 5 in, 6 in, 8 in