

Name : _____

Triangle Inequality

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

1) 11 cm, 15 cm and 27 cm

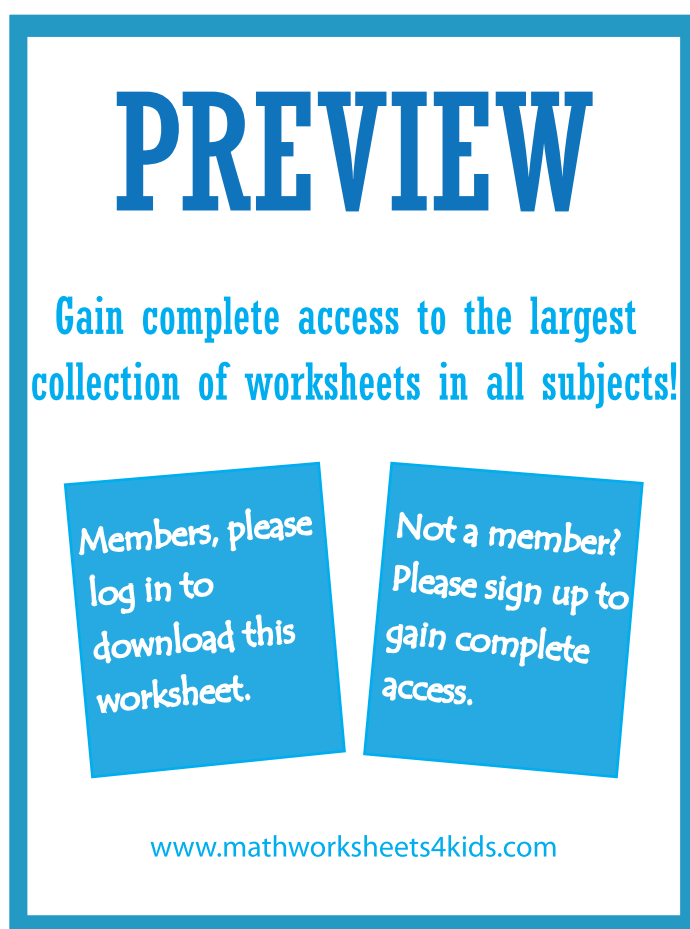
2) 39 m, 28 m and 23 m

3) 4 m, 5 m and 7 m

and 2 mm

5) 8 mm, 15 mm and

and 29 cm



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

a) 13 cm, 13 cm, 27 cm

b) 18 cm, 15 cm, 35 cm

c) 13 cm, 15 cm, 20 cm