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)  20 ft, 14 ft

2)  21 in, 25 in

_____

_____

3)  31 yd, 23 yd

**PREVIEW**

**Gain complete access to the largest collection of worksheets in all subjects!**

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

5)  2 in, 6 in

_____

_____

7)  9 ft, 26 ft

www.mathworksheets4kids.com

_____

_____

9)  Gary builds a triangular shelf using three cardboards. If he uses two cardboards of length 9 inches each, as the sides of the shelf, which of the following is the possible length of the third cardboard used as the base of the shelf?

   a)  25 inches

   b)  16 inches

   c)  18 inches