

Triangle Inequality

Name: _____

Date: _____

Find if each set of three numbers can be the lengths of the sides of a triangle.

1)

7, 2, 10

No

2)

15, 20, 10

3)

7, 9, 4

4)

5, 3, 10

5)

6, 3, 5

6)

4, 2, 3

7)

13, 4, 10

8)

12, 5, 9

9)

18, 12, 2

10)

7, 2, 2

11)

7, 3, 2

12)

10, 2, 7

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10, 2, 7

No