

For each of the following, determine if the given numbers can be the lengths of three sides of a triangle.

1. 3, 7, 5

2. 7, 3, 10

3. 5.7, 5.7, 12

4.  $4\frac{1}{2}$ , 3.9,  $2\frac{4}{5}$

For each of the following, the lengths of two sides of a triangle is given.  
Determine the possible range for the length of the third leg.

5. 9, 3

6. 4, 2.8

7.  $\sqrt{7}$ , 5

8.  $\frac{3}{4}$ ,  $\frac{1}{9}$