Triangle Inequality - MCQ

1) Which of the following cannot be the measure of the third side of the triangle, if the other two sides measure 3 yards and 2 yards?

   a)   3 yards   b)   4 yards

   c)   5 yards   d)   2 yards

2) Which of the following is the least possible measure of the third side of the triangle, if the other two sides measure 27 inches and 7 inches?

   a)   20 inches   b)   21 inches

   c)   7 inches

3) Which of the follow

   a)   15 feet, 9 feet,   et, 11 feet

   c)   20 feet, 19 fee   , 8 feet

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4) Which of the follow   hird side of the triangle, if the other two sid

   a)   6 yards

   c)   14 yards

5) Which of the follow

   a)   6 feet, 4 feet, 9 feet   b)   37 feet, 13 feet, 16 feet

   c)   25 feet, 10 feet, 18 feet   d)   14 feet, 9 feet, 17 feet

6) Which of the following can be the measure of the third side of the triangle, if the other two sides measure 9 inches and 12 inches?

   a)   3 inches   b)   22 inches

   c)   21 inches   d)   13 inches