

## Triangle Inequality - MCQ

- 1) Which of the following can be the measure of the third side of the triangle, if the other two sides measure 17 feet and 6 feet?
  - a) 16 feet
  - b) 5 feet
  - c) 6 feet
  - d) 28 feet
  
- 2) Which of the following set of measures do not form a triangle?
  - a) 11 yards, 25 yards, 17 yards
  - b) 24 yards, 18 yards, 19 yards
  - c) 22 yards, 14 yards, 2 yards
  
- 3) Which of the following can be the measure of the third side of the triangle, if the other two sides measure 30 inches and 19 inches?
  - a) 30 inches
  - c) 19 inches
  
- 4) Which of the following can be the measure of the third side of the triangle, if the other two sides measure 12 feet and 6 feet?
  - a) 12 feet
  - c) 6 feet
  
- 5) Which of the following can be the measure of the third side of the triangle, if the other two sides measure 21 inches and 16 inches?
  - a) 21 inches
  - b) 16 inches
  - c) 20 inches
  - d) 17 inches
  
- 6) Which of the following set of measures form a triangle?
  - a) 16 yards, 9 yards, 8 yards
  - b) 28 yards, 15 yards, 12 yards
  - c) 40 yards, 26 yards, 13 yards
  - d) 3 yards, 2 yards, 1 yard

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**Triangle Inequality - MCQ**

- 1) Which of the following can be the measure of the third side of the triangle, if the other two sides measure 17 feet and 6 feet?
- a) 16 feet b) 5 feet  
 c) 6 feet d) 28 feet
- 2) Which of the following set of measures do not form a triangle?
- a) 11 yards, 25 yards, 17 yards b) 34 yards, 19 yards, 19 yards  
 c) 22 yards, 14 yards, 2 yards d) 11 yards, 11 yards, 2 yards
- 3) Which of the following can be the measure of the third side of the triangle, if the other two sides measure 30 inches and 19 inches?
- a) 30 inches b) 19 inches  
 c) 19 inches d) 30 inches
- 4) Which of the following can be the measure of the third side of the triangle, if the other two sides measure 12 feet and 6 feet?
- a) 12 feet b) 6 feet  
 c) 6 feet d) 12 feet
- 5) Which of the following can be the measure of the third side of the triangle, if the other two sides measure 21 inches and 16 inches?
- a) 21 inches b) 16 inches  
 c) 20 inches d) 17 inches
- 6) Which of the following set of measures form a triangle?
- a) 16 yards, 9 yards, 8 yards b) 28 yards, 15 yards, 12 yards  
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