

Triangle Inequality - MCQ

- 1) Which of the following set of measures form a triangle?
- a) 11 inches, 21 inches, 6 inches b) 5 inches, 7 inches, 9 inches
- c) 25 inches, 12 inches, 39 inches d) 10 inches, 18 inches, 32 inches
- 2) Which of the following cannot be the measure of the third side of the triangle, if the other two sides measure 23 feet and 8 feet?
- a) 32 feet b) 16 feet
- c) 21 feet
- 3) Which of the following cannot be the measure of the third side of the triangle, if the other two sides measure 15 yards and 10 yards?
- a) 2 yards b) 25 yards
- c) 29 yards
- 4) Which of the following cannot be the measure of the third side of the triangle, if the other two sides measure 10 inches and 21 inches?
- a) 4 inches, 8 inches b) 11 inches, 21 inches
- c) 12 inches, 6 inches d) 10 inches, 30 inches
- 5) Which of the following cannot be the measure of the third side of the triangle, if the other two sides measure 6 yards and 7 yards?
- a) 6 yards b) 7 yards
- c) 3 yards d) 12 yards
- 6) Which of the following is the greatest possible measure of the third side of the triangle, if the other two sides measure 22 feet and 18 feet?
- a) 4 feet b) 39 feet
- c) 5 feet d) 40 feet

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.

www.mathworksheets4kids.com