PEP Grade 4 Math — Unit 5: Triangles • Unit Test (Basic)

PEP · Grade 4 · Term 2 · Mathematics · Unit Test · Basic

AI-generated practice paper · original study aid, not an official examination paper · 40 questions · 100 points

Name: _____ Date: _____ Score: _____

Answer all questions. This paper is worth 100 points. Show your working where appropriate.

I. Multiple Choice

1. Which of the following shapes has exactly three sides?
   A. Square
   B. Rectangle
   C. Triangle
   D. Pentagon

2. How many angles does a triangle have?
   A. Two
   B. Three
   C. Four
   D. Five

3. Which type of triangle has all sides equal in length?
   A. Right triangle
   B. Isosceles triangle
   C. Scalene triangle
   D. Equilateral triangle

4. In a right triangle, what is the name of the longest side opposite the right angle?
   A. Base
   B. Leg
   C. Hypotenuse
   D. Height

5. If two angles in a triangle are 60° and 70°, what is the measure of the third angle?
   A. 40°
   B. 50°
   C. 60°
   D. 70°

6. Which of the following can be a valid set of angles for a triangle?
   A. 45°, 45°, 90°
   B. 50°, 60°, 80°
   C. 30°, 70°, 90°
   D. 20°, 30°, 140°

7. What kind of triangle has one angle greater than 90°?
   A. Acute triangle
   B. Right triangle
   C. Obtuse triangle
   D. Equilateral triangle

8. Can a triangle have two right angles?
   A. Yes, it's possible
   B. No, because sum would exceed 180°
   C. Only if it’s a special shape
   D. Yes, if one side is curved

9. Which triangle has two equal sides and two equal angles?
   A. Equilateral triangle
   B. Scalene triangle
   C. Isosceles triangle
   D. Right triangle

10. If a triangle has angles measuring 50°, 50°, and 80°, what type of triangle is it?
   A. Equilateral
   B. Isosceles