PEP Grade 5 Math — Unit 1: Observing Objects (III) • Unit Test (Basic)

PEP · Grade 5 · 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 shows the front view of a solid made of 4 identical cubes stacked in a straight line?
   A. A single square
   B. Two squares side by side
   C. Three squares in a row
   D. Four squares in a row

2. From which direction is the shape shown below viewed if it appears as three vertical squares stacked?
   A. Front
   B. Side
   C. Top
   D. Back

3. If you look at a cube from the top, what shape do you see?
   A. Triangle
   B. Rectangle
   C. Square
   D. Circle

4. What shape is seen when viewing a rectangular prism from the front if its height is greater than its width?
   A. Square
   B. Rectangle with longer height
   C. Rectangle with longer width
   D. Triangle

5. A solid is built using 5 cubes. When viewed from above, it looks like a cross (one in the center, one on each side). What is the minimum number of cubes that must be stacked vertically to create this top view?
   A. 1
   B. 2
   C. 3
   D. 5

6. Which of the following best describes the left-side view of a tower made of 3 cubes stacked vertically?
   A. Three squares in a horizontal row
   B. One square
   C. Three squares in a vertical column
   D. Two squares stacked

7. When looking at a solid made of two cubes joined side by side from the top, what do you see?
   A. Two separate squares
   B. One square
   C. Two squares joined side by side
   D. A rectangle

8. A solid has a front view of two squares side by side and a top view of one square. How many