PEP Grade 3 Math — Unit 5: Area • Unit Test (Basic)

PEP · Grade 3 · 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 shape has the largest area if each square represents 1 square unit? A rectangle with 4 rows and 3 columns, a square with side length 3, or a triangle with base 4 and height 3?
   A. Rectangle
   B. Square
   C. Triangle
   D. All same

2. If a floor tile is 1 square foot, how many tiles are needed to cover a room that is 5 feet long and 4 feet wide?
   A. 18
   B. 20
   C. 25
   D. 30

3. Which of the following best describes the area of a notebook cover?
   A. About 1 square centimetre
   B. About 1 square metre
   C. About 1 square decimetre
   D. About 1 square millimetre

4. Two rectangles have the same perimeter. Which statement must be true about their areas?
   A. They have the same area
   B. The longer rectangle has larger area
   C. The more square-like rectangle has larger area
   D. We cannot tell from perimeter alone

5. A garden plot is 6 m long and 2 m wide. What is its area in square metres?
   A. 8
   B. 10
   C. 12
   D. 14

6. Which unit is most suitable for measuring the area of a classroom floor?
   A. Square millimetre
   B. Square centimetre
   C. Square decimetre
   D. Square metre

7. If a square has an area of 16 square units, what is the length of one side?
   A. 4 units
   B. 8 units
   C. 16 units
   D. 32 units

8. A rectangle is 5 cm long and 3 cm wide. How many 1 cm² squares fit inside it?
   A. 8
   B. 10
   C. 15
   D. 20

9. What is the area of a square with side length 7 cm?
   A. 14 cm²
   B. 28 cm²
   C. 49 cm²
   D. 56 cm²