PEP Grade 4 Math — Unit 8: Averages and Bar Graphs • 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. What does the average of a set of numbers represent?
   A. The number that appears most often
   B. The middle number when arranged in order
   C. The total sum divided by the count of numbers
   D. The difference between the largest and smallest numbers

2. If five students scored 80, 85, 90, 75, and 95 on a math test, what is their average score?
   A. 85 B. 86
   C. 87 D. 88

3. In a bar chart, what does the height of each bar show?
   A. The color of the data
   B. The time of day it was recorded
   C. The frequency or amount of data
   D. The name of the person who collected it

4. Which of the following is NOT a way to find an average?
   A. Add all numbers and divide by how many there are
   B. Find the median and use it as average
   C. Use the formula: sum ÷ count
   D. Multiply the sum by the count

5. There are 4 children with 3, 5, 7, and 9 candies. What is the average number of candies per child?
   A. 5 B. 6
   C. 7 D. 8

6. If the average of four numbers is 12, what is their total sum?
   A. 24 B. 36
   C. 48 D. 60

7. A bar chart shows how many books each student read in a month. If one bar is twice as tall as another, what can you say about the data?
   A. The first student read exactly two books
   B. The first student read twice as many books as the second
   C. The first student read more than two books
   D. The bars represent different months