PEP Grade 5 Math — Unit 7: Line Graphs • 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 best describes a line graph?
   A. Shows parts of a whole using slices
   B. Displays data changes over time using connected points
   C. Compares categories using bars of different heights
   D. Lists numbers in ascending order

2. In a line graph, what does the horizontal axis usually represent?
   A. The number of items
   B. The type of data
   C. Time intervals
   D. The highest value

3. If a line graph shows temperature changes over a week, what can you infer from a steep upward slope?
   A. Temperature is decreasing quickly
   B. Temperature is increasing slowly
   C. Temperature is increasing rapidly
   D. There is no change in temperature

4. Which of the following is NOT a purpose of a line graph?
   A. To show trends over time
   B. To compare two sets of data
   C. To display the exact number of students in each class
   D. To observe patterns in data

5. What does a flat line on a line graph mean?
   A. Data values are increasing steadily
   B. Data values are decreasing gradually
   C. No change in the measured value
   D. An error in data recording

6. When reading a line graph, what should you check first?
   A. The color of the lines
   B. The title and axis labels
   C. The number of data points
   D. The background pattern

7. If a line graph has two lines, what do they likely represent?
   A. Two different types of weather
   B. Two related sets of data over time
   C. The same data with different colors
   D. Random fluctuations