PEP Grade 3 Math — Unit 9: Math in Action: Sets • Unit Test (Basic)

PEP · Grade 3 · Term 1 · 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 shows a group of animals that are all mammals?
   A. Bird, fish, frog
   B. Dog, cat, rabbit
   C. Snake, turtle, crocodile
   D. Butterfly, ant, bee

2. In a class, 8 children like apples and 6 like bananas. If 3 children like both, how many children like only apples?
   A. 5
   B. 6
   C. 8
   D. 11

3. Which set contains only things that can be used to write with?
   A. Paper, book, ruler
   B. Pen, pencil, crayon
   C. Eraser, glue, tape
   D. Scissors, stapler, hole punch

4. There are 10 students in a club. 7 play football and 5 play basketball. If 2 play both, how many play only one sport?
   A. 8
   B. 9
   C. 10
   D. 12

5. Which group shows items that belong to the same category?
   A. Apple, banana, carrot
   B. Chair, table, desk
   C. Car, bus, bicycle
   D. Book, pen, phone

6. In a survey, 9 children like red and 7 like blue. 4 like both. How many like either red or blue?
   A. 12
   B. 13
   C. 15
   D. 16

7. Which of the following is a set of shapes that are all closed figures?
   A. Line, arrow, dot
   B. Circle, square, triangle
   C. Ray, segment, angle
   D. Star, heart, wave

8. There are 12 students in a class. 5 like music and 8 like art. 3 like both. How many like only art?
   A. 5
   B. 6
   C. 8
   D. 10

9. Which set includes only fruits?
   A. Tomato, cucumber, pepper
   B. Orange, apple, grape
   C. Carrot, potato, onion
   D. Banana, egg, bread