PEP Grade 3 Math — Unit 8: Math in Action: Combinations (II) · 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. Lily has 3 different shirts and 2 different skirts. How many different outfits can she make by pairing one shirt with one skirt?
   A. 4 B. 5
   C. 6 D. 8

2. Tom has 2 types of pencils and 4 colors of erasers. If he picks one pencil and one eraser, how many different combinations can he have?
   A. 6 B. 8
   C. 10 D. 12

3. There are 3 different fruits: apple, banana, and orange. How many ways can you choose two different fruits to eat?
   A. 3 B. 6
   C. 9 D. 12

4. A toy store sells 4 types of balls and 3 types of hats. If a child picks one ball and one hat, how many different combinations are possible?
   A. 7 B. 10
   C. 12 D. 15

5. In a game, you must pick one color from red, blue, or green, and one shape from circle, square, or triangle. How many different choices can you make?
   A. 6 B. 9
   C. 12 D. 15

6. A sandwich shop offers 2 kinds of bread and 5 kinds of fillings. How many different sandwiches can be made using one bread and one filling?
   A. 7 B. 10
   C. 12 D. 15

7. There are 4 students in a group. How many different pairs can be formed if we choose 2 students to present?
   A. 6 B. 8
   C. 12 D. 16

8. A password consists of one letter from A, B, or C, and one digit from 1 or 2. How many different passwords can be created?
   A. 5 B. 6