

Lesson 6 Skills Practice

Permutations

Find each value. Use a calculator if needed.

1. $P(2,2)$

2. $P(4,3)$

3. $P(5,4)$

4. $P(9,5)$

5. $P(8,7)$

6. $P(12,13)$

7. $P(11,3)$

8. $P(10,4)$

9. $P(6,5)$

10. $P(5,3)$

11. $P(7,4)$

12. $P(6,4)$

13. How many ways can you arrange the letters in the word *prime*?

14. How many ways can you arrange 8 different crates on a shelf if they are placed from left to right?