Permutation Combination Worksheet

1. Define permutation.

2. Define combination.

3. Write formula for nPr.

4. Write formula for nCr.

5. Find value of 5P2.

6. Find value of 6C3.

7. Differentiate between permutation and combination.

8. Arrange 3 objects out of 5 distinct objects.

9. Select 2 objects from 4 objects.

10. Define factorial.

11. Find value of 5!

12. Write two applications of permutation.

13. Write two applications of combination.

14. Arrange letters of the word CAT.

15. Example of committee selection.