

Name : _____ Date : _____

Counting Principle Worksheet

Answer the following questions.

1. Find the number of ways the letters of the word 'FLORIDA' can be arranged.

2. How many 4-digit odd numbers can be formed if there is no repetition of digits?

3. Two dice are rolled together, a red and a blue. In how many ways can you get a sum of 6 from the values on both the dice?

4. For his exhibition, Kevin needs to choose 3 ceramic mugs out of the 7 that he made. In how many ways can he choose?

5. How many batting orders can be created with the 9 starters in a baseball team if the pitcher always bats last?

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Counting Principle Worksheet

Answer

1. Find the number of ways the letters of the word 'FLORIDA' can be arranged.

5,040

2. How many 4-digit odd numbers can be formed if there is no repetition of digits?

2,240

3. Two dice are rolled together, a red and a blue. In how many ways can you get a sum of 6 from the values on both the dice?

5

4. For his exhibition, Kevin needs to choose 3 ceramic mugs out of the 7 that he made. In how many ways can he choose?

210

5. How many batting orders can be created with the 9 starters in a baseball team if the pitcher always bats last?

40,320