

Name : \_\_\_\_\_

## Permutations and Combinations

Sheet 3

Write whether each scenario involves a permutation or a combination.

- 1) Keira goes to a girl scout camp in Nebraska. She chooses 2 roommates from a group of 20 friends.

\_\_\_\_\_

- 2) At the cafeteria, 3 \_\_\_\_\_ round a round table.

\_\_\_\_\_

- 3) There were 3,685 \_\_\_\_\_ state fair. The mayor announced the re \_\_\_\_\_ rd prizes.

\_\_\_\_\_

- 4) Sally visits the nei \_\_\_\_\_ salad toppings. She chooses 4 topping \_\_\_\_\_

\_\_\_\_\_

- 5) A group of 18 sprinters took part in the 100-meter race. The top eight finishers move on to the next level.

\_\_\_\_\_

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