

Name : _____

Permutations and Combinations

Sheet 2

Write whether each scenario involves a permutation or a combination.

- 1) The sports department of Ohio scoured the state and formed a 14-member soccer team. The team chose a captain and a co-captain.

- 2) Twenty-five candidates ran for the position of mayor of a community bank.

- 3) At the beauty pageant, the judge selected the winner, first runner-up and second runner-up.

- 4) The manager decided to start a new team of 16 baseball players and gives them uniforms.

- 5) An ice cream truck in New York City offers 52 different flavors. A group of friends order ice cream in 5 flavors.

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Permutation

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- 4) The manager decided to select a starting line-up of 16 baseball players from a team of 25 players.

Permutation

- 5) An ice cream truck in New York City offers 52 different flavors. A group of friends order ice cream in 5 flavors.

Combination
