

Name _____



Date _____

Probability

Complete.

<p>1. If you have three books, how many different ways are there to stack these three books on a table?</p>	<p>2. It is student council election time again! Your principle has asked you to vote for three representatives from your math class. Since your class is small (13 students) it should not be too hard to figure out how many combinations of three students are possible to be selected in this process. Can you figure it out?</p>
<p>3. In gym Abigail needs to choose six other players to be on her team. There are eleven students she can choose among. How many different teams can she make?</p>	<p>4. Proteins are made from linear sequences of amino acids. How many different proteins could be made from the amino acids phenylalanine, glutamic acid, and lysine?</p>
<p>5. Christian has six different kinds of cars to use on his model railroad. In how many different orders can he arrange the cars to be pulled by the engine?</p>	<p>6. Mr. Snorp is sending teams of math superstars from his school to a mathematics contest in Bigtown. He has seven students to choose from and the teams must consist of three people. How many ways are there for him to choose different three person teams from his seven candidates?</p>