

Practice: Word Problems

Combinations

<p>1. SNACKS A vending machine can display six snacks. If there are eight different kinds of snacks available, how many different groups of six different snacks can be displayed?</p>	<p>2. MUSIC Each month, Jose purchases two CDs from a selection of 20 bestselling CDs. How many different pairs of CDs can Jose choose if he chooses two different CDs?</p>
<p>3. TESTS On a math test, you can choose any 20 out of 23 questions. How many different groups of 20 questions can you choose?</p>	<p>4. RESTAURANTS The dinner special at a local pizza parlor gives you the choice of two toppings from a selection of six toppings. How many different choices are possible if two different toppings are chosen?</p>
<p>5. TESTING In a science fair experiment, two units are selected for testing from every 500 units produced. How many ways can these two units be selected?</p>	<p>6. MEETINGS Linda's teacher divided the class into groups of five and required each member of a group to meet with every other member of that group. How many meetings will each group have?</p>
<p>7. BASEBALL A baseball coach has 13 players to fill nine positions. How many different teams could he put together?</p>	<p>8. GEOMETRY Ten points are marked on a circle. How many different triangles can be drawn between any three points?</p> 