



Probability Permutation or Combination - Scenario to Counting Type

<p>1</p> <p>From 6 numbers, 4 lottery numbers are drawn. How many possible draws are there?</p> <p>Is this situation a permutation or a combination?</p> <table border="1"> <tr> <td>A</td> <td>B</td> </tr> <tr> <td>Combination</td> <td>Permutation</td> </tr> </table>	A	B	Combination	Permutation	<p>2</p> <p>A license plate uses 2 distinct characters arranged in a row, chosen from 5 options. How many plates are possible?</p> <p>Is this situation a permutation or a combination?</p> <table border="1"> <tr> <td>A</td> <td>B</td> </tr> <tr> <td>Combination</td> <td>Permutation</td> </tr> </table>	A	B	Combination	Permutation
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Combination	Permutation								
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<p>3</p> <p>From 6 different books, 3 are arranged in a row on a shelf. How many arrangements are possible?</p> <p>Is this situation a permutation or a combination?</p> <table border="1"> <tr> <td>A</td> <td>B</td> </tr> <tr> <td>Combination</td> <td>Permutation</td> </tr> </table>	A	B	Combination	Permutation	<p>4</p> <p>From 6 members, 4 delegates are selected to attend a conference. How many selections are possible?</p> <p>Is this situation a permutation or a combination?</p> <table border="1"> <tr> <td>A</td> <td>B</td> </tr> <tr> <td>Combination</td> <td>Permutation</td> </tr> </table>	A	B	Combination	Permutation
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<p>5</p> <p>From 3 runners, the finishing positions of the top 2 are recorded. How many finishing orders are possible?</p> <p>Is this situation a permutation or a combination?</p> <table border="1"> <tr> <td>A</td> <td>B</td> </tr> <tr> <td>Permutation</td> <td>Combination</td> </tr> </table>	A	B	Permutation	Combination	<p>6</p> <p>From 4 students, 2 are each assigned to a different numbered locker. How many assignments are possible?</p> <p>Is this situation a permutation or a combination?</p> <table border="1"> <tr> <td>A</td> <td>B</td> </tr> <tr> <td>Combination</td> <td>Permutation</td> </tr> </table>	A	B	Combination	Permutation
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<p>7</p> <p>From 5 speakers, 2 are scheduled into the first, second, and later presentation slots. How many schedules are possible?</p> <p>Is this situation a permutation or a combination?</p> <table border="1"> <tr> <td>A</td> <td>B</td> </tr> <tr> <td>Combination</td> <td>Permutation</td> </tr> </table>	A	B	Combination	Permutation	<p>8</p> <p>From 6 applicants, 3 scholarship recipients are selected. How many selections are possible?</p> <p>Is this situation a permutation or a combination?</p> <table border="1"> <tr> <td>A</td> <td>B</td> </tr> <tr> <td>Combination</td> <td>Permutation</td> </tr> </table>	A	B	Combination	Permutation
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