



Probability Linear or Circular Permutation - Scenario to Is Circular

<p>1</p> <p>Does this scenario have circular symmetry, or is it linear?</p> <p>A class of 6 students line up in a single row for a class photo. How many different left-to-right line-ups are possible?</p>	<p>A</p> <p>Circular symmetry</p> <hr/> <p>B</p> <p>Linear</p>	<p>2</p> <p>Does this scenario have circular symmetry, or is it linear?</p> <p>5 dancers form a single ring for a performance. How many distinct arrangements are possible if rotations of the ring count as the same?</p>	<p>A</p> <p>Circular symmetry</p> <hr/> <p>B</p> <p>Linear</p>
<p>3</p> <p>Does this scenario have circular symmetry, or is it linear?</p> <p>6 ornaments are hung at equally spaced positions around a circular wreath. How many distinct arrangements are possible if rotations of the wreath count as the same?</p>	<p>A</p> <p>Circular symmetry</p> <hr/> <p>B</p> <p>Linear</p>	<p>4</p> <p>Does this scenario have circular symmetry, or is it linear?</p> <p>7 campers stand evenly spaced in a circle around a campfire. How many distinct arrangements are possible if rotations of each other count as the same?</p>	<p>A</p> <p>Linear</p> <hr/> <p>B</p> <p>Circular symmetry</p>
<p>5</p> <p>Does this scenario have circular symmetry, or is it linear?</p> <p>A class of 7 students line up in a single row for a class photo. How many different left-to-right line-ups are possible?</p>	<p>A</p> <p>Linear</p> <hr/> <p>B</p> <p>Circular symmetry</p>	<p>6</p> <p>Does this scenario have circular symmetry, or is it linear?</p> <p>6 dancers form a single ring for a performance. How many distinct arrangements are possible if rotations of the ring count as the same?</p>	<p>A</p> <p>Circular symmetry</p> <hr/> <p>B</p> <p>Linear</p>
<p>7</p> <p>Does this scenario have circular symmetry, or is it linear?</p> <p>6 different books are arranged in a row on a shelf. How many arrangements are possible?</p>	<p>A</p> <p>Circular symmetry</p> <hr/> <p>B</p> <p>Linear</p>	<p>8</p> <p>Does this scenario have circular symmetry, or is it linear?</p> <p>4 campers stand evenly spaced in a circle around a campfire. How many distinct arrangements are possible if rotations of each other count as the same?</p>	<p>A</p> <p>Linear</p> <hr/> <p>B</p> <p>Circular symmetry</p>