



## Probability Calculation - nCm Notation - Single Over Simple Multiplication

<p><b>1</b> What is the value of this probability expression?</p> $\frac{{}_6C_5}{({}_3C_3) \cdot ({}_4C_2)}$	<p>A <math>\frac{1}{6}</math></p>	<p>B <math>\frac{3}{2}</math></p>	<p>C <math>\frac{1}{10}</math></p>	<p><b>2</b> What is the value of this probability expression?</p> $\frac{{}_4C_3}{({}_5C_5) \cdot ({}_3C_3)}$	<p>A <math>\frac{4}{3}</math></p>	<p>B 6</p>	<p>C 4</p>
	<p>D 1</p>	<p>E 6</p>			<p>D 20</p>	<p>E <math>\frac{2}{3}</math></p>	
<p><b>3</b> What is the value of this probability expression?</p> $\frac{{}_3C_3}{({}_4C_3) \cdot ({}_5C_5)}$	<p>A <math>\frac{1}{24}</math></p>	<p>B <math>\frac{1}{4}</math></p>	<p>C <math>\frac{1}{6}</math></p>	<p><b>4</b> What is the value of this probability expression?</p> $\frac{{}_6C_2}{({}_4C_4) \cdot ({}_5C_2)}$	<p>A <math>\frac{1}{10}</math></p>	<p>B <math>\frac{3}{2}</math></p>	<p>C <math>\frac{5}{5}</math></p>
	<p>D 5</p>	<p>E <math>\frac{1}{20}</math></p>			<p>D 2</p>	<p>E <math>\frac{1}{225}</math></p>	
<p><b>5</b> What is the value of this probability expression?</p> $\frac{{}_6C_2}{({}_6C_6) \cdot ({}_3C_2)}$	<p>A <math>\frac{1}{3}</math></p>	<p>B 5</p>	<p>C 2</p>	<p><b>6</b> What is the value of this probability expression?</p> $\frac{{}_6C_6}{({}_6C_2) \cdot ({}_6C_2)}$	<p>A <math>\frac{1}{225}</math></p>	<p>B <math>\frac{2}{45}</math></p>	<p>C <math>\frac{1}{90}</math></p>
	<p>D 15</p>				<p>D 1</p>	<p>E <math>\frac{1}{15}</math></p>	
<p><b>7</b> What is the value of this probability expression?</p> $\frac{{}_4C_4}{({}_3C_2) \cdot ({}_3C_3)}$	<p>A 1</p>	<p>B 5</p>	<p>C <math>\frac{1}{3}</math></p>	<p><b>8</b> What is the value of this probability expression?</p> $\frac{{}_5C_4}{({}_5C_4) \cdot ({}_5C_2)}$	<p>A <math>\frac{1}{225}</math></p>	<p>B <math>\frac{1}{10}</math></p>	<p>C <math>\frac{1}{90}</math></p>
	<p>D <math>\frac{1}{10}</math></p>	<p>E <math>\frac{1}{60}</math></p>			<p>D <math>\frac{1}{20}</math></p>	<p>E <math>\frac{5}{3}</math></p>	