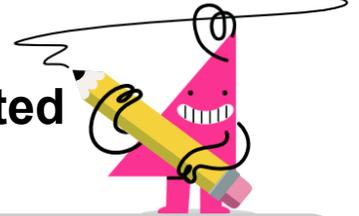




## Algebraic Functions - Multiply Bracketed Terms, Different Variables



<p>1</p> <p>Which answer is the same expression as this</p> <p><math>(6x + 5)(n - 4)</math></p>	<p>2</p> <p>Which answer is the same expression as this</p> <p><math>(3r - 7)(n - 7)</math></p>		
<p>A <math>6xn + 20n - 4x + 5</math></p>	<p>B <math>xn - 5n - 4x + 20</math></p>	<p>A <math>3rn + 49n - 7r + 7</math></p>	<p>B <math>3rn + 7n - 21r + 49</math></p>
<p>C <math>6xn + 5n - 24x - 20</math></p>	<p>D <math>4xn + 5n + 4x + 20</math></p>	<p>C <math>3rn + 7n + 7r - 49</math></p>	<p>D <math>7rn + 7n + 7r + 49</math></p>
<p>E <math>5xn + 5n - 4x + 24</math></p>	<p>F <math>xn - 5n + 4x - 20</math></p>	<p>E <math>rn + 7n + 7r - 21</math></p>	<p>F <math>rn - 7n + 49r + 7</math></p>
<p>3</p> <p>Which answer is the same expression as this</p> <p><math>(n - 2)(5y + 5)</math></p>	<p>4</p> <p>Which answer is the same expression as this</p> <p><math>(r - 4)(8t + 5)</math></p>		
<p>A <math>5ny - 2y - 5n + 10</math></p>	<p>B <math>ny - 5y + 10n + 2</math></p>	<p>A <math>8rt + 20t - 5r + 4</math></p>	<p>B <math>8rt - 4t - 5r + 20</math></p>
<p>C <math>5ny + 10y - 5n + 2</math></p>	<p>D <math>ny + 10y - 5n + 2</math></p>	<p>C <math>rt + 5t + 32r + 4</math></p>	<p>D <math>8rt - 32t + 5r - 20</math></p>
<p>E <math>ny - 2y - 5n + 10</math></p>	<p>E <math>5ny - 10y + 5n - 10</math></p>	<p>E <math>rt + 4t + 5r - 32</math></p>	<p>F <math>rt + 5t - 4r - 20</math></p>
<p>5</p> <p>Which answer is the same expression as this</p> <p><math>(5w + 2)(y - 2)</math></p>	<p>6</p> <p>Which answer is the same expression as this</p> <p><math>(x - 7)(5q + 3)</math></p>		
<p>A <math>5wy + 4y - 2w + 2</math></p>	<p>B <math>wy + 2y - 2w - 4</math></p>	<p>A <math>xq - 3q + 21x + 7</math></p>	<p>B <math>xq + 7q - 3x - 21</math></p>
<p>C <math>5wy - 2y + 2w - 4</math></p>	<p>D <math>wy - 2y + 4w + 2</math></p>	<p>C <math>7q - 3x - 21 - xq</math></p>	<p>D <math>5xq - 35q + 3x - 21</math></p>
<p>E <math>5wy + 2y - 10w - 4</math></p>	<p>F <math>5y - 2w - 4 - wy</math></p>	<p>E <math>5q - 3x - 21 - xq</math></p>	<p>F <math>xq + 7q + 3x - 35</math></p>
<p>7</p> <p>Which answer is the same expression as this</p> <p><math>(8r + 4)(x - 7)</math></p>	<p>8</p> <p>Which answer is the same expression as this</p> <p><math>(2x + 9)(y - 3)</math></p>		
<p>A <math>rx + 4x + 7r - 56</math></p>	<p>B <math>rx - 4x + 7r - 28</math></p>	<p>A <math>2xy + 9y - 6x - 27</math></p>	<p>B <math>9y - 3x - 27 - xy</math></p>
<p>C <math>8rx + 28x - 7r + 4</math></p>	<p>D <math>rx + 7x - 4r - 28</math></p>	<p>C <math>2y - 3x - 27 - xy</math></p>	<p>D <math>xy - 9y + 3x - 27</math></p>
<p>E <math>8rx + 4x - 56r - 28</math></p>	<p>F <math>8x - 7r - 28 - rx</math></p>	<p>E <math>xy + 9y + 3x - 6</math></p>	<p>F <math>xy - 9y - 3x + 27</math></p>