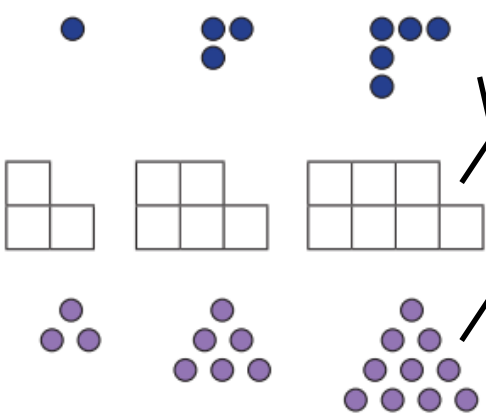
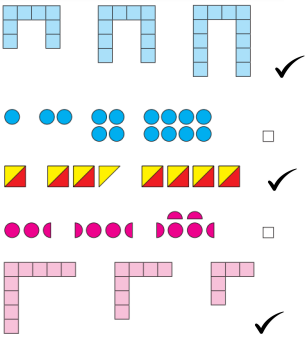


Question	Answer																								
1	 <table border="1" data-bbox="839 217 1146 327"> <tr><td>Position</td><td>1</td><td>2</td><td>3</td></tr> <tr><td>Term</td><td>3</td><td>5</td><td>7</td></tr> </table> <table border="1" data-bbox="839 368 1146 478"> <tr><td>Position</td><td>1</td><td>2</td><td>3</td></tr> <tr><td>Term</td><td>3</td><td>6</td><td>10</td></tr> </table> <table border="1" data-bbox="839 520 1146 629"> <tr><td>Position</td><td>1</td><td>2</td><td>3</td></tr> <tr><td>Term</td><td>1</td><td>3</td><td>5</td></tr> </table>	Position	1	2	3	Term	3	5	7	Position	1	2	3	Term	3	6	10	Position	1	2	3	Term	1	3	5
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3	<p>a) 4 sticks, 7 sticks, 10 sticks arranged to make squares. The table tells us that the 1st term is 4, the 2nd term is 7 and the 3rd term is 10 The graph tells is the same information as the table but plotted on a set of axis.</p> <p>b) Each representation shows the same sequence</p> <p>c) The points join together to make a straight line segment. This is because they represent a linear sequence (there is a constant difference between each term).</p>																								
4	<p>a)</p> <table border="1" data-bbox="287 1313 1139 1444"> <tr><td>Position</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr> <tr><td>Term</td><td>1</td><td>4</td><td>9</td><td>16</td><td>25</td></tr> </table> <p>b) The points don't make a straight line because the sequence isn't linear. There isn't a constant difference between each term.</p>	Position	1	2	3	4	5	Term	1	4	9	16	25												
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5	 <p>These sequences are linear because in each case there is a constant difference.</p>																								