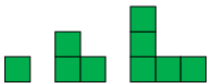
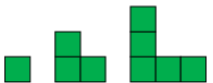


# Activity 3 Assessment

## Creating Patterns

Generalizing and Representing Increasing and Decreasing Patterns															
<p>Recognizes that a pattern increases or decreases</p>  <p>“The terms are getting bigger.”</p>	<p>Identifies how a pattern changes (describes rule)</p>  <p>“It grows by 2 tiles each time.”</p>	<p>Represents patterns symbolically and writes rules using addition or subtraction</p> <p>1, 3, 5, ... “Start at 1 and add 2 each time.”</p> <p>17, 14, 11, ... “Start at 17 and take away 3 each time.”</p>	<p>Extends patterns using repeated addition and subtraction</p> <p>1, 3, 5, 7, 9, 11, ... “I added 2 over and over.”</p> <p>17, 14, 11, 8, 5, 2 “I subtracted 3 over and over.”</p>												
Observations/Documentation															
<p>Finds missing terms or errors in patterns</p> <p>3, 8, 13, 18, 22, 28, .... “Start at 3 and add 5 each time. 18 + 5 = 23, so 22 should be 23.”</p>	<p>Creates patterns and explains pattern rules</p> <p>“85, 75, 65, 55, .... I started with my house number and took away 10 each time.”</p>	<p>Uses patterns to solve problems</p> <p>“If I save 2 quarters a day, when will I have 10 quarters? 2, 4, 6, 8, 10 I will have 10 quarters after 5 days.”</p>	<p>Identifies and extends patterns involving multiplication</p> <table border="1" data-bbox="1459 966 1869 1039"> <tr> <td>Input</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> </tr> <tr> <td>Output</td> <td>2</td> <td>4</td> <td>6</td> <td>8</td> <td>10</td> </tr> </table> <p>“Each input number is multiplied by 2.”</p>	Input	1	2	3	4	5	Output	2	4	6	8	10
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Output	2	4	6	8	10										
Observations/Documentation															