

## Spot the Patterns!

Do you have an eye for patterns? Can you describe and extend patterns? Test your skills below!

### Pattern #1

Describe the pattern. What are the next three colors in the pattern sequence?



#### Example:

The pattern is blue circle, green circle, yellow circle, repeat.

The next three objects would be yellow circle, blue circle, green circle.

### Pattern #2

Describe the pattern. What are the next three shapes in the pattern sequence?



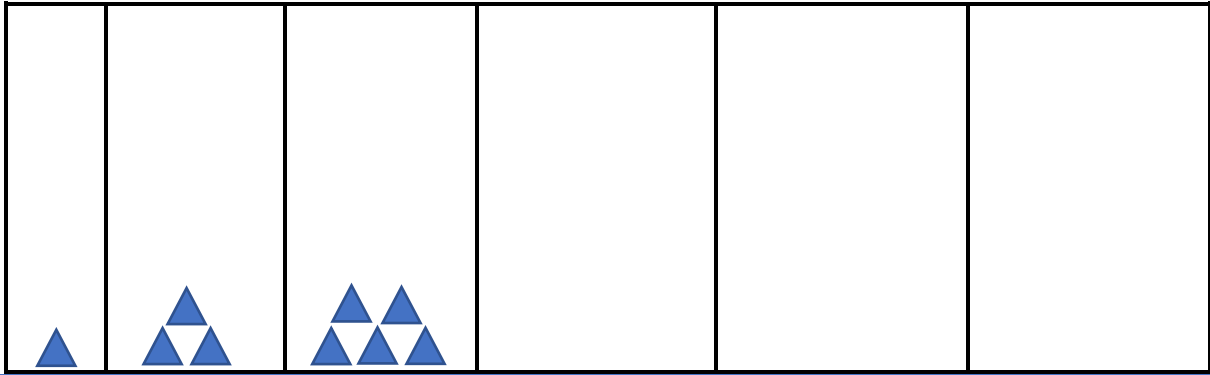
### Pattern #3

Describe the pattern. What are the next three arrows in the pattern sequence?



**Pattern #4**

Describe the pattern. What are the next three pictures in the pattern sequence? Is this an increasing or decreasing pattern?



\*An increasing pattern is one where the numbers are getting greater over time.

**Pattern #5**

Describe the pattern. What are the next three numbers in the pattern sequence? Is this an increasing or decreasing pattern?

**3 6 9 12**    \_\_\_\_\_

**Pattern #6**

Describe the pattern. What are the next three numbers in the pattern sequence? Is this an increasing or decreasing pattern?

**43 39 35 31**    \_\_\_\_\_

**Pattern #7**

Describe the pattern. What numbers go inside the blank boxes? Is this an increasing or decreasing pattern?

<b>4</b>	<b>11</b>			<b>32</b>	<b>39</b>	
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**Pattern #8**

Tyler is selling lawn ornaments that he makes. Each week, he is selling more ornaments. The table shows how much money he made in the first 4 weeks. If that pattern continues, how much will he make in week 5 and 6?

<b>Week #</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
<b>Dollars</b>	<i>4</i>	<i>8</i>	<i>12</i>	<i>16</i>		

**Pattern #9 (Extra challenge)**

Tiffany is challenging herself with her reading. She wants to read more every day. On day one she read 10 pages. On day two she read 12 pages, on day three she read 15 pages and on day four she read 19 pages. Fill in the table to find the pattern and figure out how many pages she will read on day 5 and 6.

<b>Day #</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
<b>Number of Pages</b>						