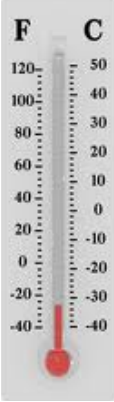


Name: _____

Period: _____

Find the Domain and Range

For each situation/table/graph/set below, state what the domain and range are. Also say if the function is continuous or discrete. Finally, state if the situation is arithmetic, geometric, linear, exponential, or none of the above.

<p>1. The dance committee is selling tickets for the Fall Ball. The more tickets they sell, the greater the amount of money they can spend for decorations. There are 1,500 students at the school, and the ballroom can hold 2,000 students. Each couple only needs 1 ticket, and each ticket sells for \$15.</p> <p>Domain: Range: Continuous / Discrete Arithmetic/Geometric/Linear/Exponential/ None</p>	<p>2. You are reading the book Warm Bodies. It takes you an average of 5 minutes to read 3 pages. The book has 256 pages.</p> <p>Domain: Range: Continuous / Discrete Arithmetic/Geometric/Linear/Exponential/ None</p>
<p>3. You are playing "Plants Vs. Zombies." A sunflower in the game will produce 1 sun every 30 seconds. You have 3 minutes in the round to defeat all of the zombies, before they defeat you.... Dun dun dun....</p> <p>Domain: Range: Continuous / Discrete Arithmetic/Geometric/Linear/Exponential/ None</p>	<p>4. The warmer it is outside, the longer the red line of this thermometer. This thermometer is 6 inches long.</p> <p>Domain: Range: Continuous / Discrete Arithmetic/Geometric/Linear/Exponential/ None</p> 
<p>5. $\{ (0,3), (1,6), (2, 9), (3, 12) \}$</p> <p>Domain: Range: Continuous / Discrete Arithmetic/Geometric/Linear/Exponential/ None</p>	<p>6. $\{ \dots(0,3), (1,6), (2, 9), (3, 12)\dots \}$</p> <p>Domain: Range: Continuous / Discrete Arithmetic/Geometric/Linear/Exponential/ None</p>

7.

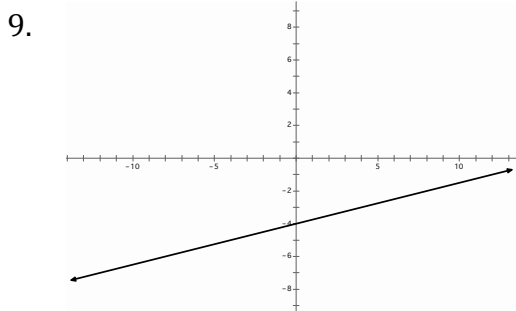
x	f(x)
1	3
2	9
3	27
4	81
...	...

Domain:
 Range:
 Continuous / Discrete
 Arithmetic/Geometric/Linear/Exponential/ None

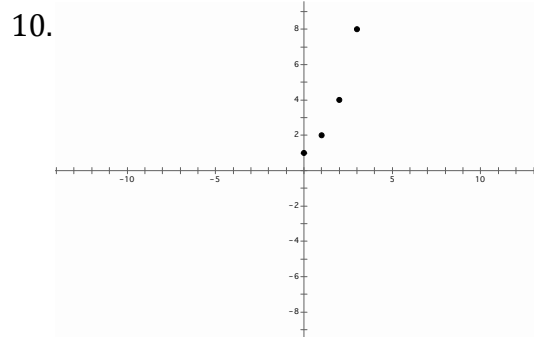
8.

x	f(x)
...	...
1	3
2	9
3	27
...	...

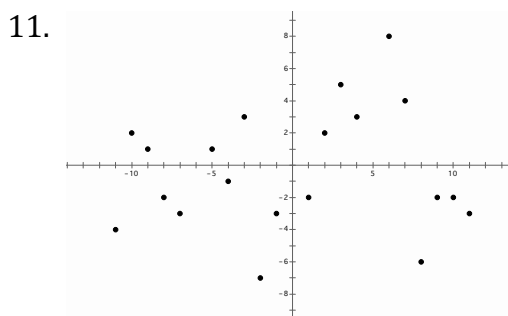
Domain:
 Range:
 Continuous / Discrete
 Arithmetic/Geometric/Linear/Exponential/ None



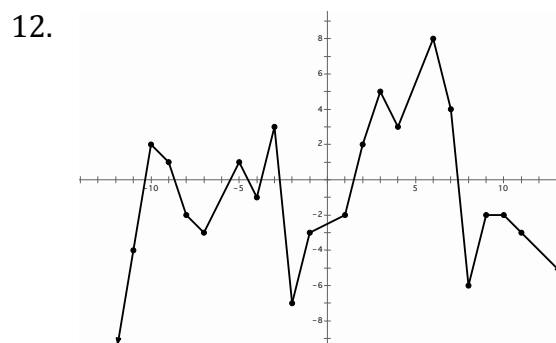
Domain:
 Range:
 Continuous / Discrete
 Arithmetic/Geometric/Linear/Exponential/ None



Domain:
 Range:
 Continuous / Discrete
 Arithmetic/Geometric/Linear/Exponential/ None



Domain:
 Range:
 Continuous / Discrete
 Arithmetic/Geometric/Linear/Exponential/ None



Domain:
 Range:
 Continuous / Discrete
 Arithmetic/Geometric/Linear/Exponential/ None