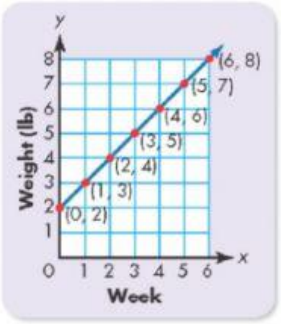
PATTERNS IN GRAPHS AND TABLES

Use the data presented on the graph, to complete the input-output table.

Is the pattern additive or multiplicative? How do you know?

x INPUT	y OUTPUT



RULE: _____

Use the data presented on the graph, to complete the input-output table.

Is the pattern additive or multiplicative? How do you know?

x INPUT	y OUTPUT

RULE: _____

Use the data presented on the graph, to complete the input-output table.

x INPUT	y OUTPUT

RULE: _____

Is the pattern additive or multiplicative?

Use the data presented on the graph, to complete the input-output table.

x INPUT	y OUTPUT

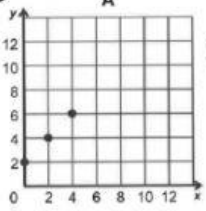
RULE: _____

Is the pattern additive or multiplicative?

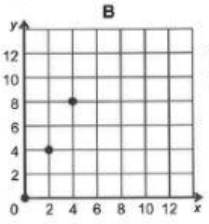
Analyze the ordered pairs.

Which graph shows a multiplicative pattern?

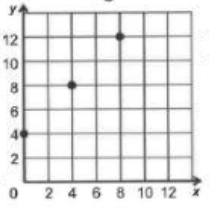
A



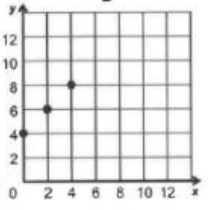
B



C



D



x	y

x	y

x	y

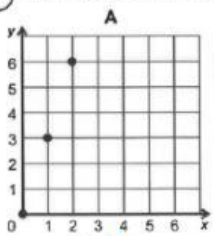
x	y

COMPLETE THE TABLES THEN SELECT THE MULTIPLICATIVE PATTERN

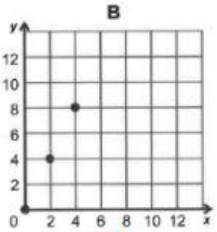
Analyze the ordered pairs.

Which graph shows an additive pattern?

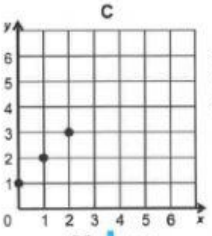
A



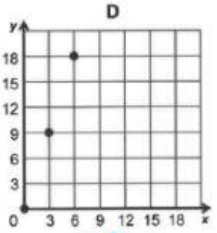
B



C



D



x	y

x	y

x	y

x	y

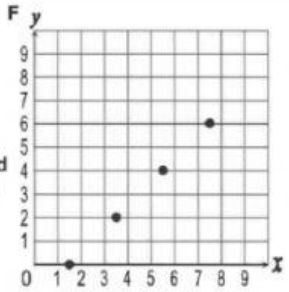
COMPLETE THE TABLE AND SELECT THEN SELECT ADDITIVE PATTERN

Gino and Kyle are playing a game with numbers. When Gino says a number, Kyle adds 1.5 to the number. Gino will say the numbers 0, 2, 4, and 6 as shown in the table below.

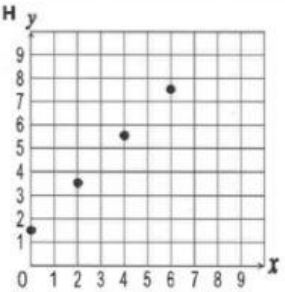
Gino's Number (x)	Chaz's Number (y)
0	
2	
4	
6	

Which graph shows the ordered pairs that would appear in the completed table?

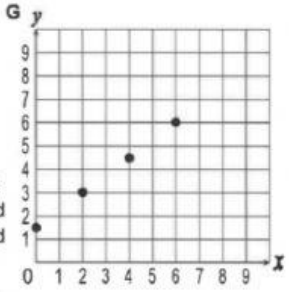
F



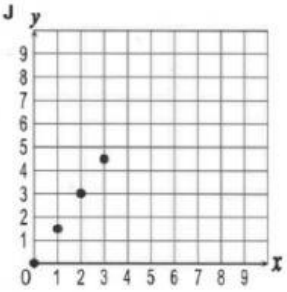
H



G



J

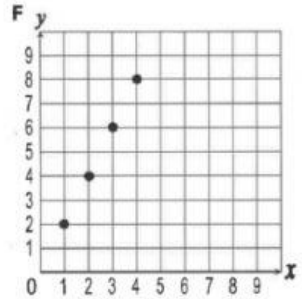


Carlos is going to make an input-output table then graph the ordered pairs that it generates. Carlos will use the numbers 1, 2, 3, and 4. He will multiply each number by 2 to generate an output.

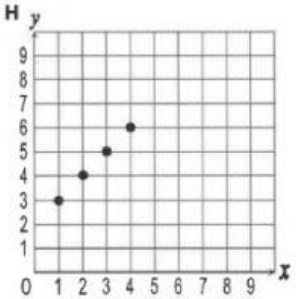
Input (x)	Output (y)
1	
2	
3	
4	

Which graph shows the ordered pairs that would appear in the completed table?

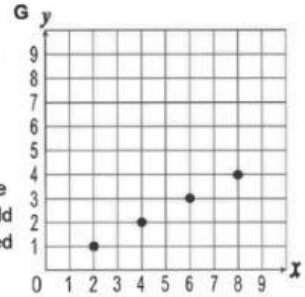
F



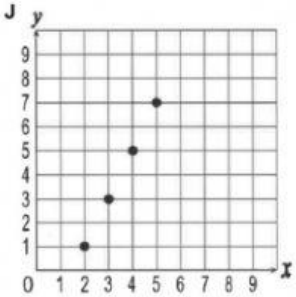
H



G



J



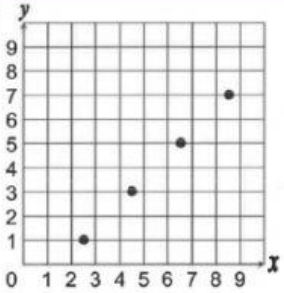
Emily is going to make an input-output table then graph the ordered pairs that it generates. She will use the numbers 1, 3, 5, and 7 for the *x* values. She will add 1.5 to each x value to generate an output.

Rule: $y = x + 1.5$

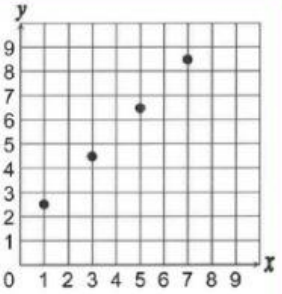
Input (*x*)	Output (*y*)
1	
3	
5	
7	

Which graph shows the ordered pairs that would appear in the completed table?

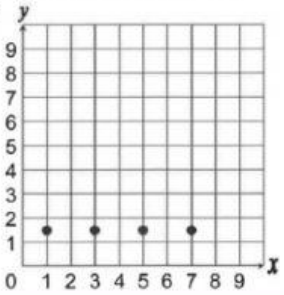
A



C



B



D