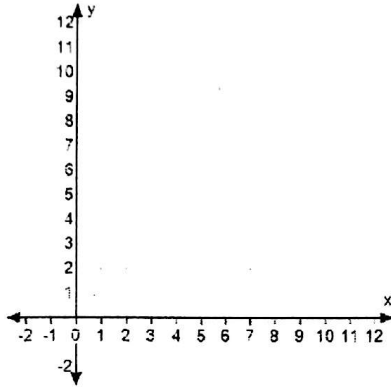


## Graphing Proportional Relationships

Determine if the relationship shown in the table is proportional. Then graph each point on the coordinate plane, and connect with a straight line – continue your line through your points through the y axis.

1.

x	y
2	4
3	6
4	8
5	10
6	12



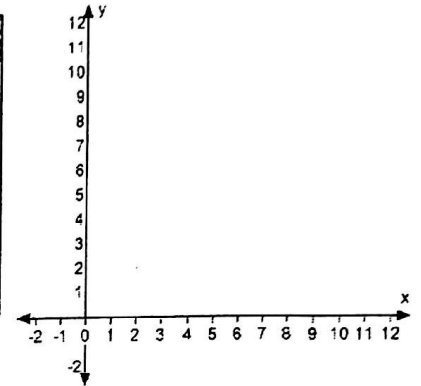
Proportional: yes no

Constant of Proportionality:

Equation:

2.

x	y
1	6
2	8
3	10
4	12
5	14



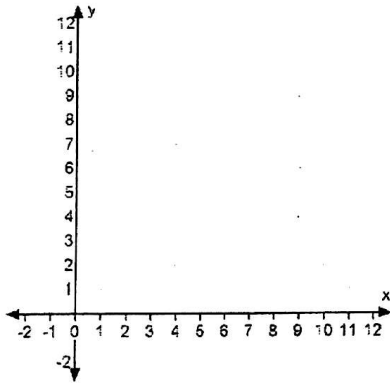
Proportional: yes no

Constant of Proportionality:

Equation:

3.

x	y
3	2
6	4
9	6
12	8



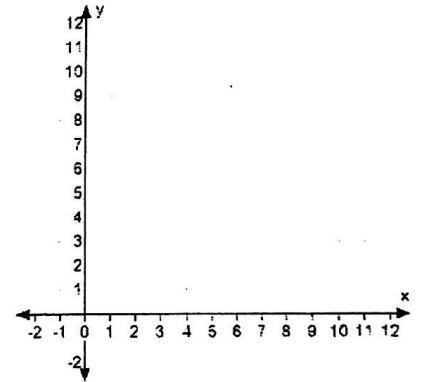
Proportional: yes no

Constant of Proportionality:

Equation:

4.

x	y
3	1
4	2
5	3
6	4



Proportional: yes no

Constant of Proportionality:

Equation:

*What do you notice about the graphs of the proportional relationships?*

The graph of a proportional relationship is a \_\_\_\_\_  
that passes through the \_\_\_\_\_.