

Name: Class:

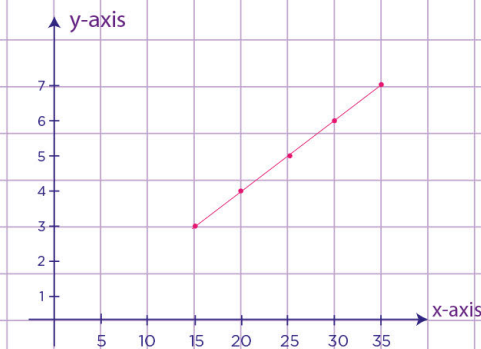
Graph a two-variable relationship

- a. The equation and table below describe a relationship between x and y .

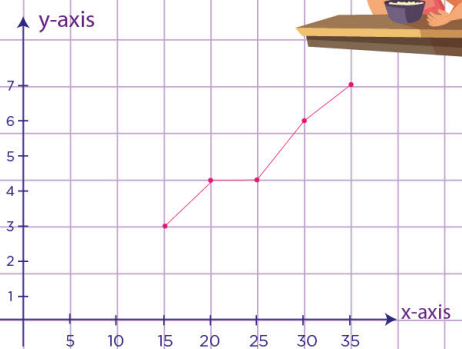
$$x \div 5 = y$$

Choose the graph that represents this relationship.

x	y
35	7
30	6
25	5
20	4
15	3



☐ Graph A



☐ Graph B

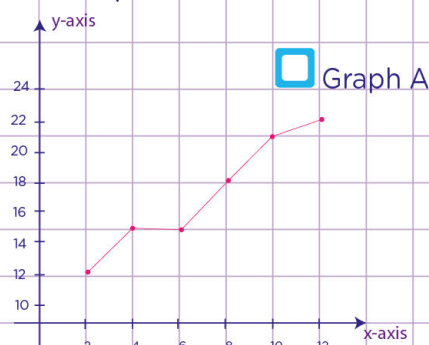


- b. The equation and table below describe a relationship between x and y .

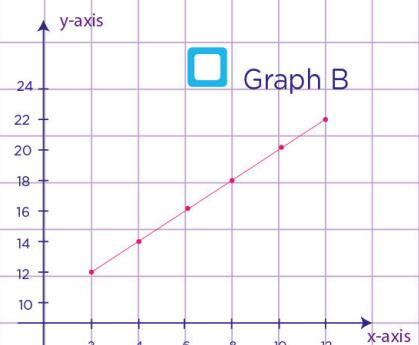
$$10 + x = y$$

Choose the graph that represents this relationship.

x	y
2	12
4	14
6	16
8	18
10	20
12	22



☐ Graph A



☐ Graph B



Name: Class:

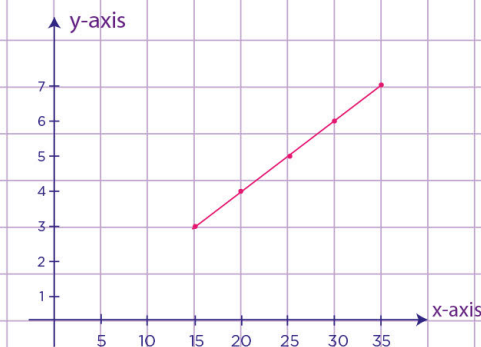
Graph a two-variable relationship

- a. The equation and table below describe a relationship between x and y.

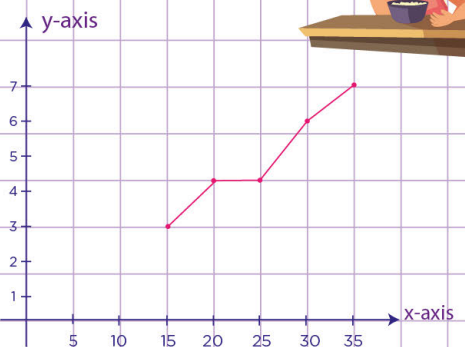
$$x \div 5 = y$$

Choose the graph that represents this relationship.

x	y
35	7
30	6
25	5
20	4
15	3



☒ Graph A



☐ Graph B



The graph that represents this relationship must have ordered pairs that is true.

Now, let's write down the ordered pairs using the numbers in the table.

x	y	(x,y)
35	7	(35,7)
30	6	(30,6)
25	5	(25,5)
20	4	(20,4)
15	3	(15,3)

Then, let's plot a point for each ordered pair and draw a line through these points

This line shows all ordered pairs that fulfills the equation $x \div 2 = y$

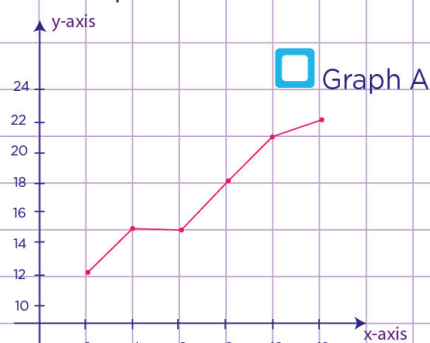
So, graph A describes the relationship between x and y.

- b. The equation and table below describe a relationship between x and y.

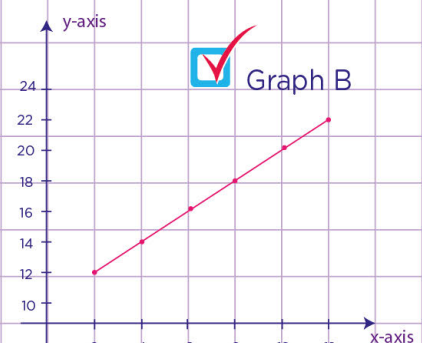
$$10 + x = y$$

Choose the graph that represents this relationship.

x	y
2	12
4	14
6	16
8	18
10	20
12	22



☐ Graph A



☒ Graph B

