



The diagram illustrates the relationship between the variables  $x$  and  $y$ . The vertical axis represents  $y$  and the horizontal axis represents  $x$ . The data points are plotted as follows:

$x$	$y$
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10

The points form a straight line passing through the origin, indicating a direct proportionality between  $x$  and  $y$ .

## QUESTION



The diagram illustrates the relationship between the variables  $x$  and  $y$ . The vertical axis represents  $y$  and the horizontal axis represents  $x$ . The data points are plotted as follows:

$x$	$y$
1	2
2	4
3	6
4	8
5	10
6	12
7	14
8	16
9	18
10	20

The points form a straight line passing through the origin, indicating a direct proportionality between  $x$  and  $y$ .