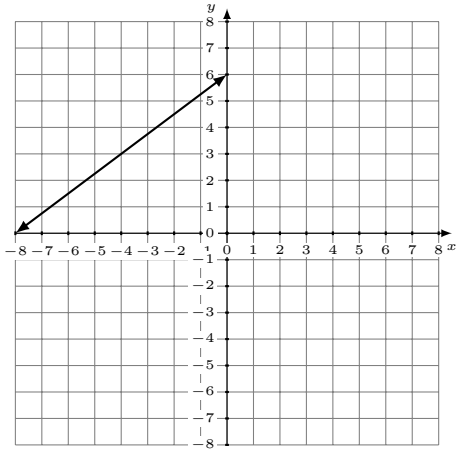
1 Calculate slope from a graph, table, set of points, or direct variation

Learning Goal: _____

1) What is the slope of the graph below?

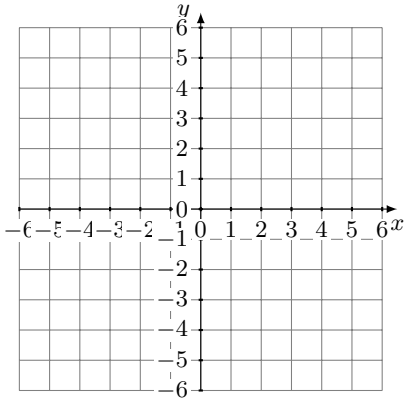


2) What is the rate of change of the relationship represented by the table?

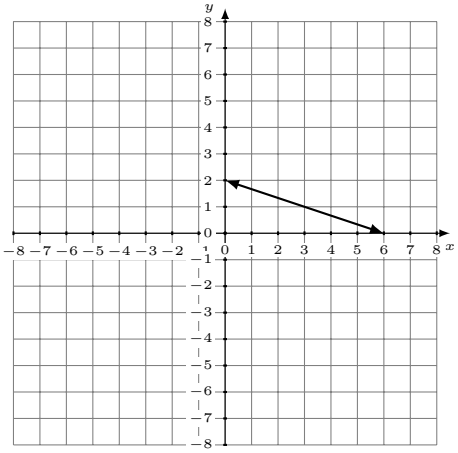
x	y
-1	-2
0	1
3	7

3) What is the slope of the line through the points $(0, 2)$ and $(6, 6)$?

4) What is the slope of the line given by the equation $y = 5x$?



5) What is the slope of the graph below?

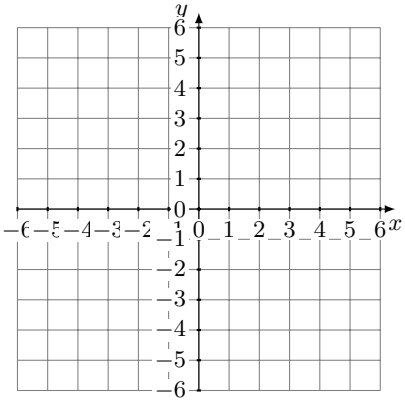


6) What is the rate of change of the relationship represented by the table?

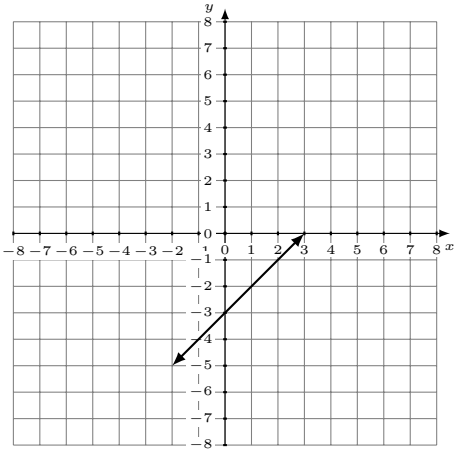
x	y
-4	1
0	-1
8	-5

7) What is the slope of the line through the points $(-1, 1)$ and $(4, -9)$?

8) What is the slope of the line given by the equation $y = \frac{1}{2}x$?



9) What is the slope of the graph below?

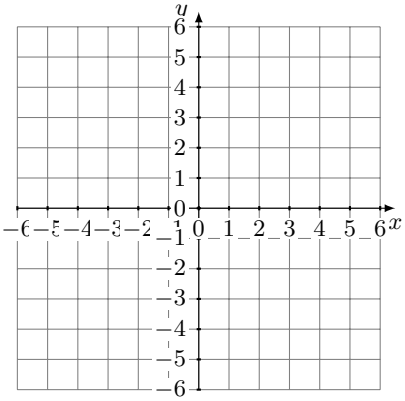


10) What is the rate of change of the relationship represented by the table?

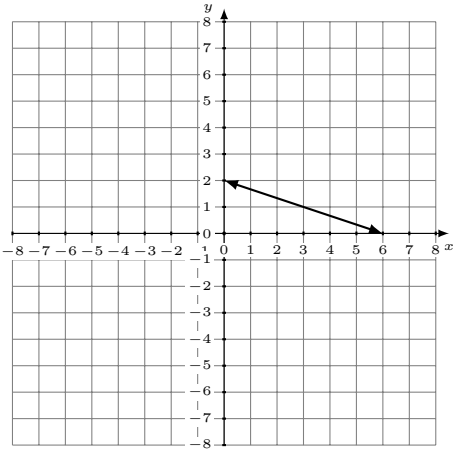
x	y
-4	-1
0	0
8	2

11) What is the slope of the line through the points $(-1, 16)$ and $(7, 6)$?

12) What is the slope of the line given by the equation $y = -\frac{2}{3}x$?



13) What is the slope of the graph below?



14) What is the rate of change of the relationship represented by the table?

x	y
-10	19
0	-1
20	-41

15) What is the slope of the line through the points $(2, 1)$ and $(4, -7)$?

16) What is the slope of the line given by the equation $y = -\frac{4}{3}x$?