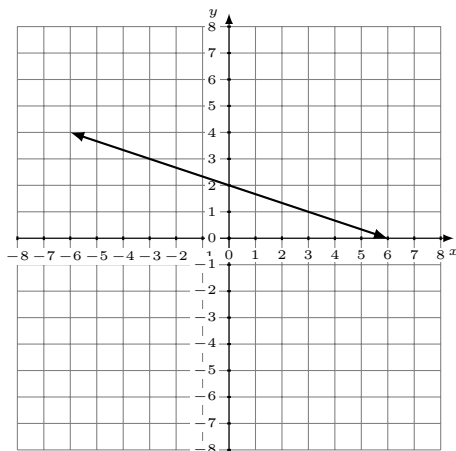


1 Calculating slope

Learning Goal: _____

- 1) What is the slope of the graph below?

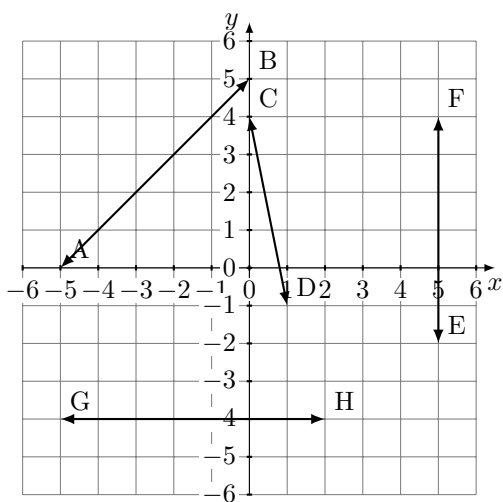


- 2) What is the rate of change of the relationship in represented by the table?

x	y
-4	0
-2	1
0	2

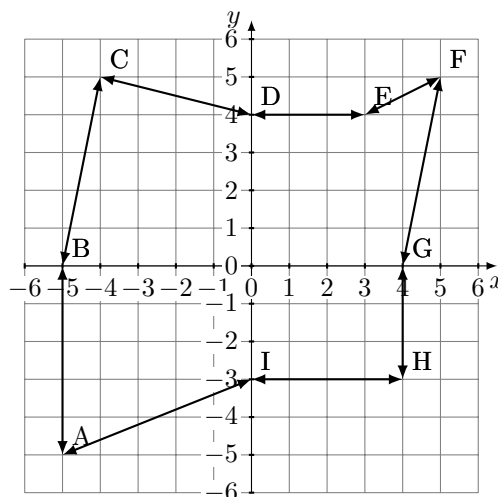
- 3) What is the slope of the line through the points $(-1, 7)$ and $(3, -9)$?

- 4) Match each line with the description of its slope



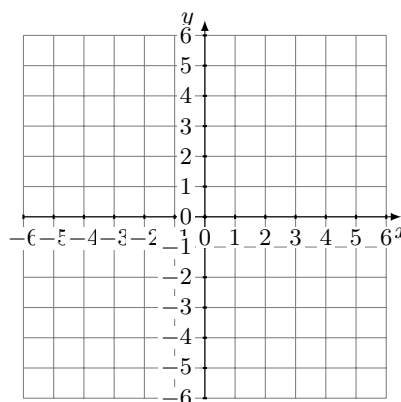
- a) AB
b) CD
c) EF
d) GH

- 5) Find the slope of each line segment. For each type of slope, list the segments that have that type of slope.



- a) positive: _____
b) negative: _____
c) 0: _____
d) undefined: _____

- 6) Graph the equation $y = \frac{3}{2}x$. Is the slope positive, negative, zero, or undefined?



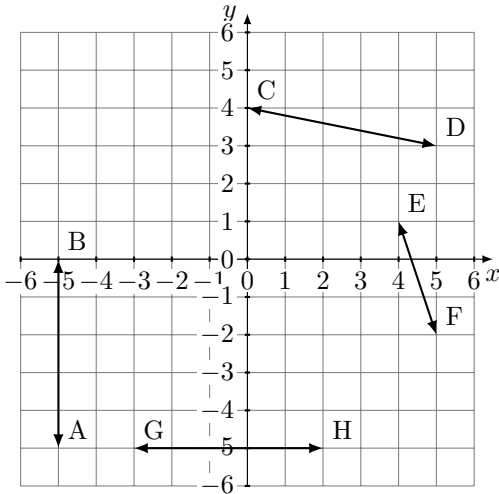
- 7) What is the rate of change of the relationship in represented by the table?

x	y
-5	1
-3	4
1	10

- 8) What is the slope of the line through the points $(-2, 5)$ and $(5, -5)$?

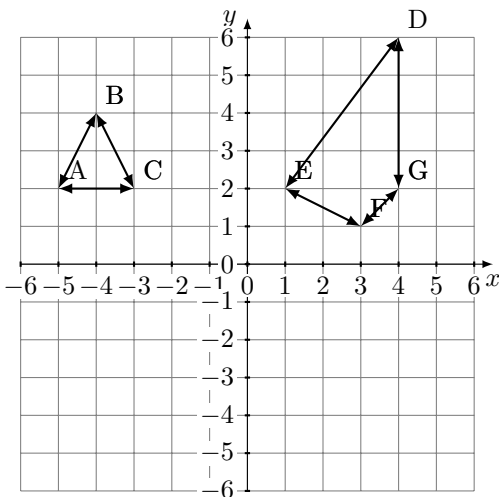
- a) positive: _____
 b) negative: _____
 c) 0: _____
 d) undefined: _____

- 9) Find the slope of each line segment. For each type of slope, list the segments that have that type of slope.

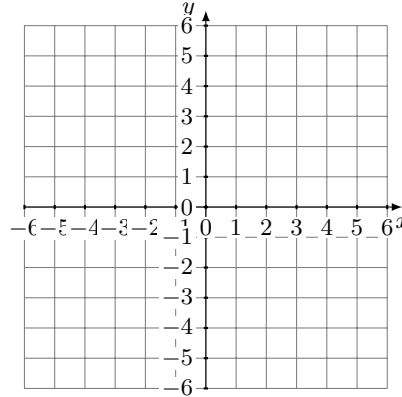


- a) positive: _____
 b) negative: _____
 c) 0: _____
 d) undefined: _____

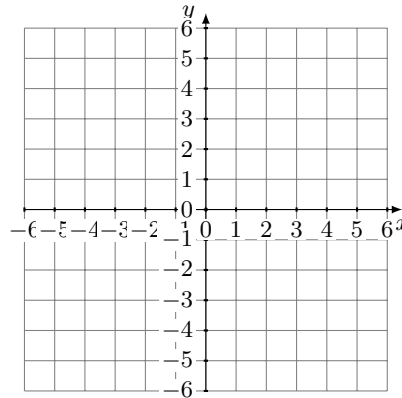
- 10) Find the slope of each line segment. For each type of slope, list the segments that have that type of slope.



- 11) Graph the equation $y = -\frac{1}{2}x$. Is the slope positive, negative, zero, or undefined?



- 12) Graph the equation $y = 3x$. Is the slope positive, negative, zero, or undefined?



- 13) Graph the equation $y = -5x$. Is the slope positive, negative, zero, or undefined?

