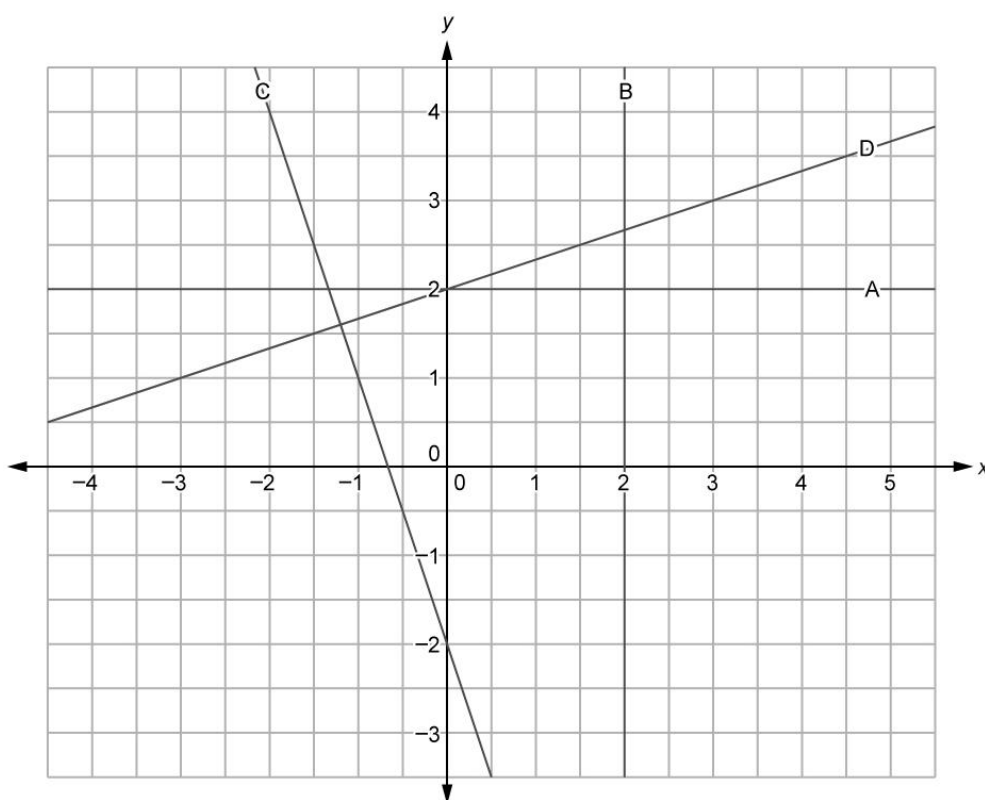


Lesson 3: Are You Ready?

1. Define the following terms.

- a. slope
- b. intercept

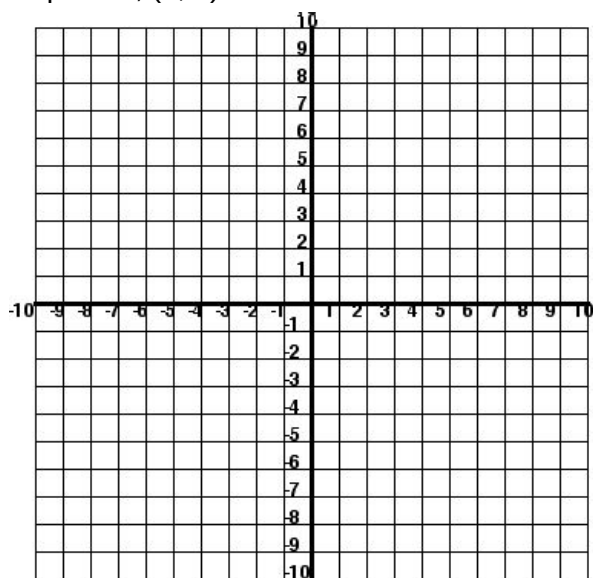
2. Determine the slope and y -intercept of each line in the following grid. Record your answers in the table provided, stating the y -intercepts as ordered pairs.



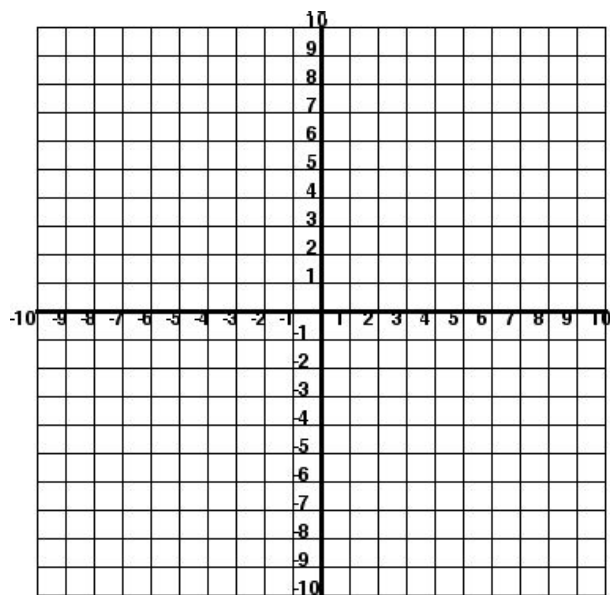
Graphs	Slope	y -intercept
A		
B		
C		
D		

3. Use graph paper to sketch the line with the given slope that passes through the given point.

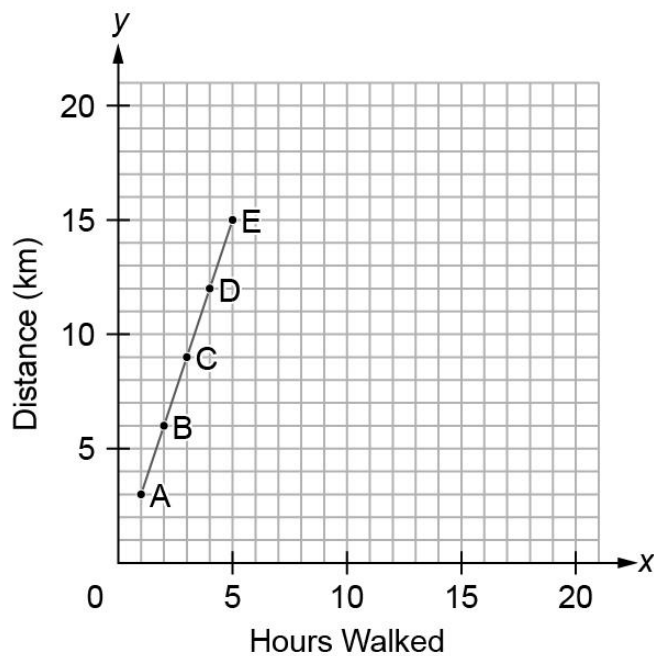
- a. slope = 3; (1, 1)



- b. slope = $-\frac{1}{4}$; -4, 6



4. The following graph shows the progress of a person taking a walk.



- Determine the domain and the range.
- Find the slope of this graph, including units.
- What does the slope mean?

5. Rearrange each formula so that n is isolated.

a. $n + 13 = 2m$

b. $3m - 8 - 4n = 0$