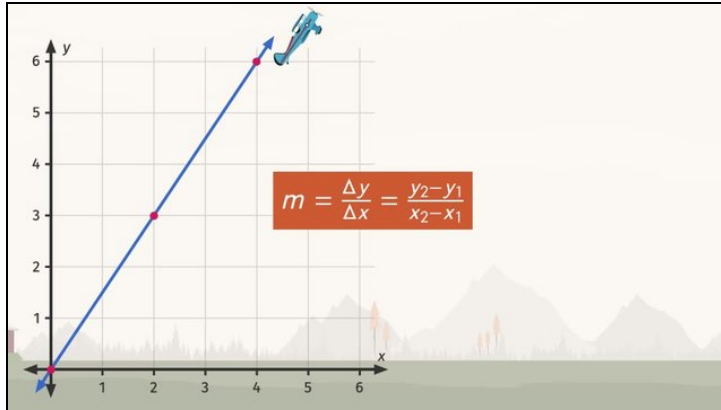




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# Computing the Slope of a Line



- 1 Identify some points on the line.
- 2 Describe how to find the slope of the line given two points.
- 3 Find the slope of the line given a graph.
- 4 Determine the slope of the lines given two points.
- 5 Calculate the slope of the following situations.
- 6 Identify the equations for the given graphs in slope intercept form.
- + with lots of tips, answer keys, and detailed answer explanations for all of the problems.

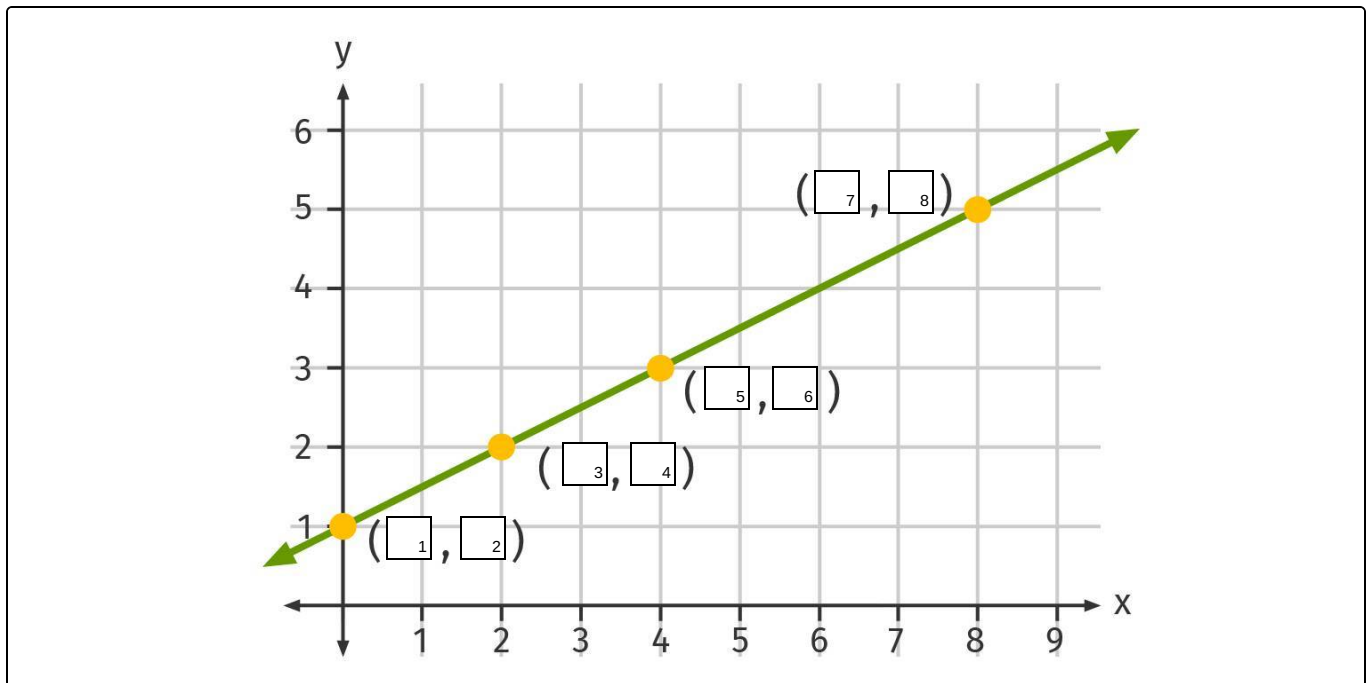


The complete package, including all problems, hints, answers, and detailed answer explanations is available for all [sofatutor.com](https://www.sofatutor.com) subscribers.



## Identify some points on the line.

Fill in the blanks.





## Hints for solving these problems

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of 6

### Identify some points on the line.

#### Hint #1

The first coordinate of a point is the  $x$ -coordinate and the second is the  $y$ -coordinate.

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#### Hint #2

Draw a line from the point parallel to the  $x$ -axis and read off the  $y$ -coordinate: this is where the line passes the  $y$ -axis.

Similarly, you get the  $x$ -coordinate.

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## Answers and detailed answer explanations for these problems

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### Identify some points on the line.

**Answer key:** 1: 0 // 2: 1 // 3: 2 // 4: 2 // 5: 4 // 6: 3 // 7: 8 // 8: 5

To get the coordinates of any point you proceed as follows:

- Draw a line from the point parallel to the x-axis and read off the y-coordinate: This is where the line passes the y-axis.
- Draw a line from the point parallel to the y-axis and read off the x-coordinate: This is where the line passes the x-axis.

So you get, from left to the right, the following points:

- (0,1)
- (2,2)
- (4,3)
- (8,5)