

Mini-Lesson #3

Interpolating & Extrapolating

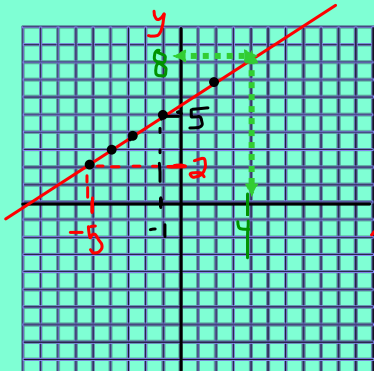
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Notes

Interpolating and Extrapolating

Using the graph of a line to determine other values not measured or plotted, is called interpolating/extrapolating .

- **Interpolating** means to predict data between two known pieces of data
- **Extrapolating** means to make predictions beyond that data that you have collected (or been given). In order to extrapolate you need to first extend the line of best fit.



What is the value of x , when y is 2?
 $y = -5$

What is the value of y , when x is -1?
 $y = 5$

What is the value of y , when x is 4?
 $y = 8$

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