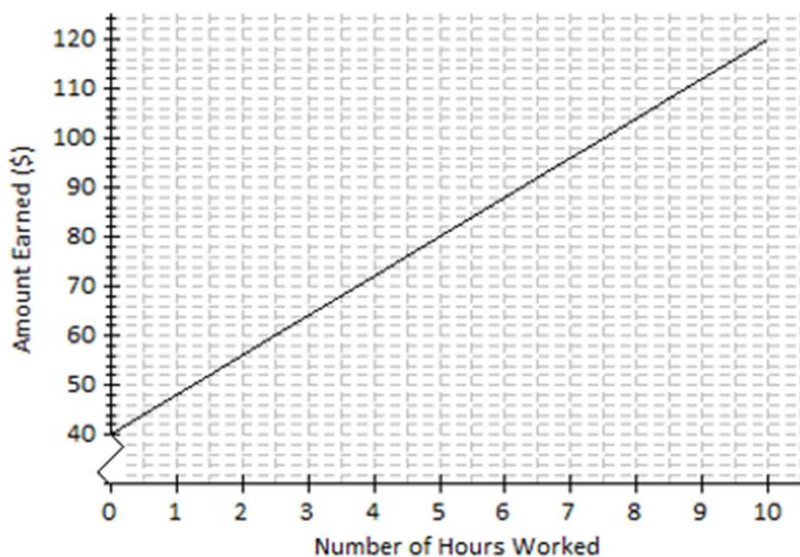


Representations of a Line

1. Andrew works in a restaurant. The graph below shows the relationship between the amount Andrew earns in dollars and the number of hours he works.



a) If Andrew works for 7 hours, approximately how much does he earn in dollars?

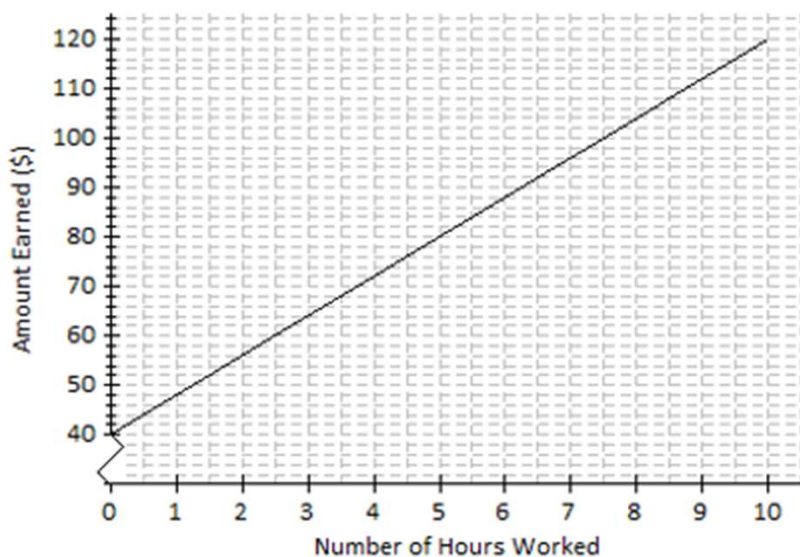
b) Estimate how long Andrew has to work in order to earn \$64.

c) What is the rate of change of the function given by the graph? Interpret the value within the context of the problem.

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Representations of a Line

1. Andrew works in a restaurant. The graph below shows the relationship between the amount Andrew earns in dollars and the number of hours he works.



a) If Andrew works for 7 hours, approximately how much does he earn in dollars?

\$96

b) Estimate how long Andrew has to work in order to earn \$64.

3 hours

c) What is the rate of change of the function given by the graph? Interpret the value within the context of the problem.

Using the ordered pairs (7, 96) and (3, 64), the slope is 8. It means that the amount Andrew earns increases by \$8 for every hour worked.

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