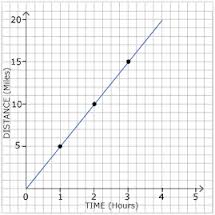
Opener

1. Does the graph below show a proportional relationship? How do you know?

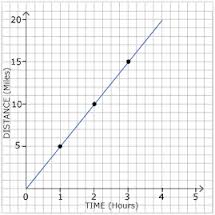
[](http://www.google.com/imgres?start=100&safe=active&biw=1366&bih=651&tbm=isch&tbnid=A6YaV1BnqcfhUM:&imgrefurl=http://www.pbslearningmedia.org/resource/midlit11.math.splgraph/graphing-distance-and-time-travel/&docid=iA_2jOKgOoGnoM&imgurl=http://d43fweuh3sg51.cloudfront.net/media/assets/wgbh/midlit11/midlit11_img_splgraphvida/midlit11_img_splgraphvida.gif&w=269&h=269&ei=xHgvUovXDZDY8gS3sYHQAg&zoom=1&ved=1t:3588,r:8,s:100,i:28&iact=rc&page=5&tbnh=180&tbnw=188&ndsp=25&tx=113&ty=48)

1. What is the equation for the graph in number 1?
2. What is the constant of proportionality in the table below?

|  |  |  |  |
| --- | --- | --- | --- |
| Time | 1 | 2 | 3 |
| Distance | 1 ½ | 3 | 4 ½ |

Opener

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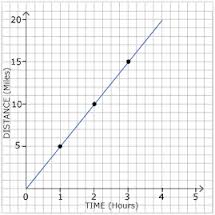
[](http://www.google.com/imgres?start=100&safe=active&biw=1366&bih=651&tbm=isch&tbnid=A6YaV1BnqcfhUM:&imgrefurl=http://www.pbslearningmedia.org/resource/midlit11.math.splgraph/graphing-distance-and-time-travel/&docid=iA_2jOKgOoGnoM&imgurl=http://d43fweuh3sg51.cloudfront.net/media/assets/wgbh/midlit11/midlit11_img_splgraphvida/midlit11_img_splgraphvida.gif&w=269&h=269&ei=xHgvUovXDZDY8gS3sYHQAg&zoom=1&ved=1t:3588,r:8,s:100,i:28&iact=rc&page=5&tbnh=180&tbnw=188&ndsp=25&tx=113&ty=48)

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