

#1
No Calculator



Julianna participated in a walk-a-thon to raise money for cancer research. She recorded the total distance she walked at several different points in time, but a few of the entries got smudged and can no longer be read. The times and distances that can still be read are listed in the table below.

- a) Assume Julianna walked at a constant speed. Complete the table and plot Julianna's progress in the coordinate plane.
- b) What was Julianna's walking rate in miles per hour?

What is the constant of proportionality?

Where do you see this information on the graph?

- c) Write an equation for the distance d , in miles, that Julianna walked in n hours.
- d) Next year Julianna is planning to walk to seven hours. If she walks at the same speed next year, how many miles will she walk?

Time in Hours	Miles Walked
1	
2	6.4
	9.6
5	



