

Verbal Description

Milton High School is holding a walkathon to raise money for high school clubs and athletics. All students have been asked to find sponsors for donations.

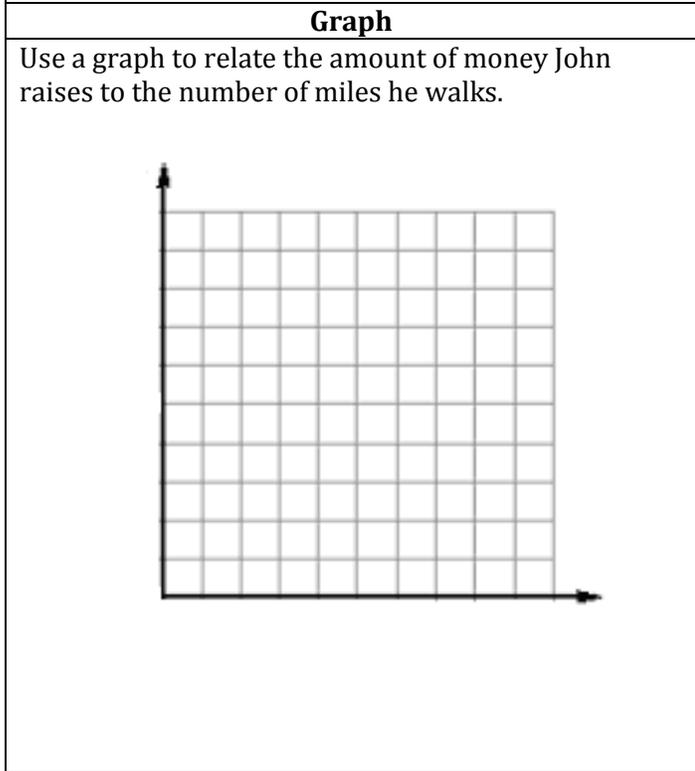
John's first sponsor, Mrs. Money Penny, has pledged \$1.50 per mile.

Write an expression to represent the dollars John can raise from Mrs. Money Penny's pledge based on the number of miles he walks.

Table of Values

Use a table of values to show the amount of money John can raise based on the number of miles he walks.

# Miles Walked	Total \$ Raised



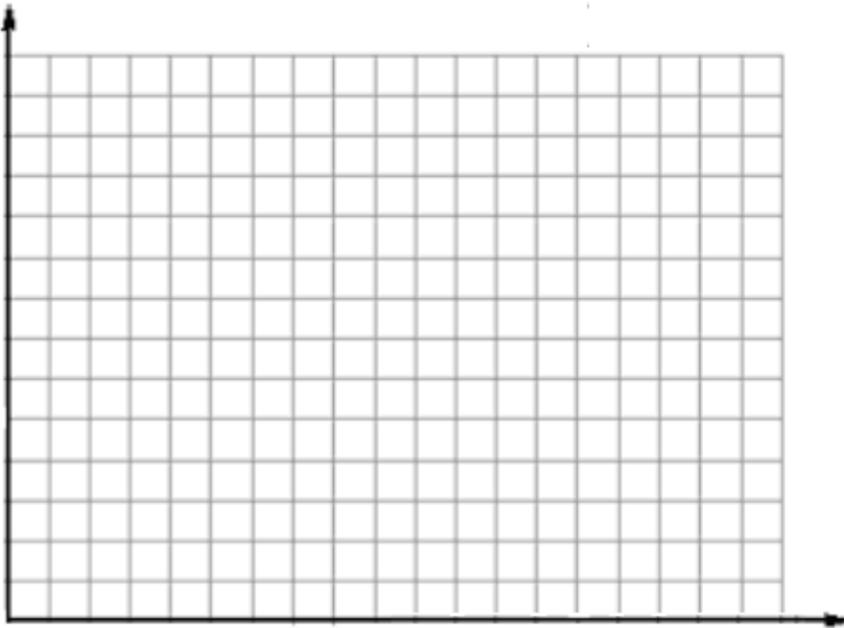
Equation

How many miles must John have walked if Mrs. Money Penny's total donation was \$30?

Verbal Description	Table of Values																																						
<p>John finds two more people to sponsor him for the walk-a-thon. Mr. Richman pledges John \$2.50 per mile walked, while Ms. Dinero says she will donate \$4.00 plus \$0.75 per mile.</p> <p>Using d to represent the total donation, write equations that can be used to compute the money raised from each sponsor, given the distance John walks. Use m to represent the number of miles he walks.</p>	<p>Complete a table to show the amount of money each sponsor would owe based on each of their pledges.</p> <table border="1" data-bbox="786 233 1451 737"> <thead> <tr> <th data-bbox="786 233 902 281"></th> <th colspan="3" data-bbox="902 233 1451 281">Total Donation</th> </tr> <tr> <th data-bbox="786 281 902 384"># miles</th> <th data-bbox="902 281 1105 384">Mrs. Money Penny</th> <th data-bbox="1105 281 1279 384">Mr. Richman</th> <th data-bbox="1279 281 1451 384">Ms. Dinero</th> </tr> </thead> <tbody> <tr><td data-bbox="786 384 902 432">0</td><td data-bbox="902 384 1105 432"></td><td data-bbox="1105 384 1279 432"></td><td data-bbox="1279 384 1451 432"></td></tr> <tr><td data-bbox="786 432 902 480">1</td><td data-bbox="902 432 1105 480"></td><td data-bbox="1105 432 1279 480"></td><td data-bbox="1279 432 1451 480"></td></tr> <tr><td data-bbox="786 480 902 529">2</td><td data-bbox="902 480 1105 529"></td><td data-bbox="1105 480 1279 529"></td><td data-bbox="1279 480 1451 529"></td></tr> <tr><td data-bbox="786 529 902 577">3</td><td data-bbox="902 529 1105 577"></td><td data-bbox="1105 529 1279 577"></td><td data-bbox="1279 529 1451 577"></td></tr> <tr><td data-bbox="786 577 902 625">4</td><td data-bbox="902 577 1105 625"></td><td data-bbox="1105 577 1279 625"></td><td data-bbox="1279 577 1451 625"></td></tr> <tr><td data-bbox="786 625 902 674">5</td><td data-bbox="902 625 1105 674"></td><td data-bbox="1105 625 1279 674"></td><td data-bbox="1279 625 1451 674"></td></tr> <tr><td data-bbox="786 674 902 722">6</td><td data-bbox="902 674 1105 722"></td><td data-bbox="1105 674 1279 722"></td><td data-bbox="1279 674 1451 722"></td></tr> </tbody> </table>				Total Donation			# miles	Mrs. Money Penny	Mr. Richman	Ms. Dinero	0				1				2				3				4				5				6			
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Graph

Make a graph for each sponsor's total donation, based on the number of miles John walks in the walk-a-thon.



Analysis

Describe what is different about Ms. Dinero's donation. What happens in the table, the graph and the equation with her donation scheme?