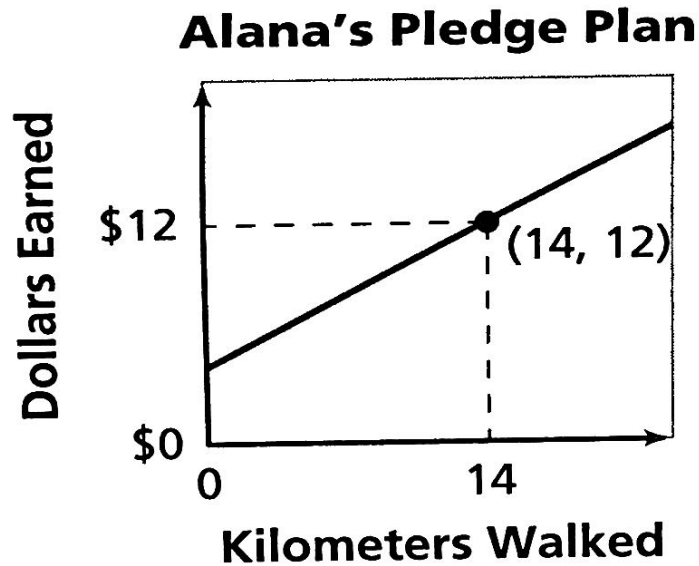


Look again at Alana's pledge plan from Problem 1.3. Suppose A represents the amount raised in dollars and d represents the distance walked in kilometers. You can express this plan with the equation $A = 5 + 0.5d$.



- Explain why the point $(14, 12)$ is on the graph of Alana's pledge plan.
- Write a question you could answer by locating this point.
- How can you use the equation for Alana's pledge plan to check the answer to the question you made up?
- How can you use a graph to find the number of kilometers that Alana walks if a sponsor donates \$17? How could you use an equation to answer this question?

In this Problem, you will investigate similar questions relating to pledge plans for a walkathon.