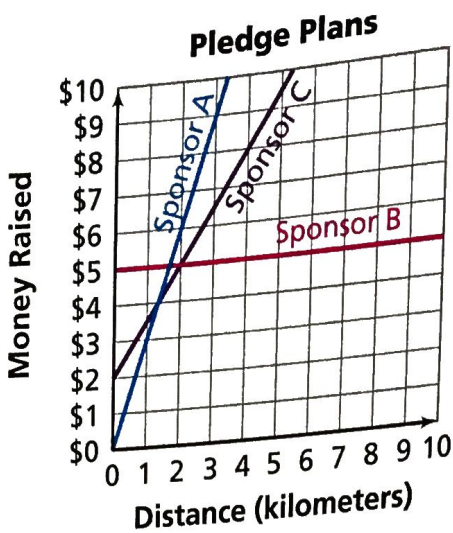
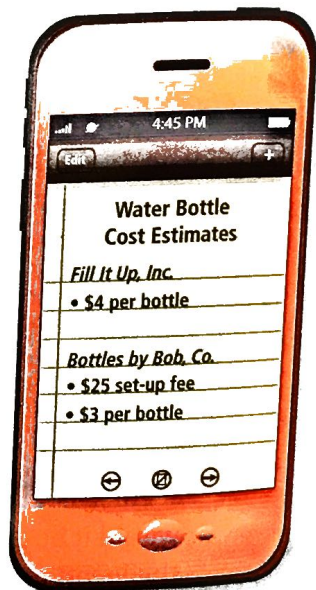


6. The graph below represents the walkathon pledge plans for three sponsors.



- Describe each sponsor's pledge plan.
 - What is the number of dollars per kilometer each sponsor pledges?
 - What does the point where the line crosses the y -axis mean for each sponsor?
 - Write the coordinates of two points on each line. What information does each point represent for the sponsor's pledge plan?
 - Does each relationship represent a proportional relationship?
7. The students in Ms. Chang's class decide to order water bottles that advertise the walkathon. Hyun obtains two different quotes for the costs of the bottles.
- For each company, write an equation Hyun could use to calculate the cost for any number of bottles.
 - On the same set of axes, graph both equations from part (a). Which variable is the independent variable? Which is the dependent variable?
 - From which company do you think the class should buy water bottles? What factors influenced your decision?
 - For what number of water bottles is the cost the same for both companies? Explain.



8. Multiple Choice The equation $C = 5n$ represents the cost C in dollars for n caps that advertise the walkathon. Which of the following ordered pairs could represent a number of caps and the cost for that number of caps, (n, C) ?

A. $(0, 5)$

B. $(3, 15)$

C. $(15, 60)$

D. $(5, 1)$