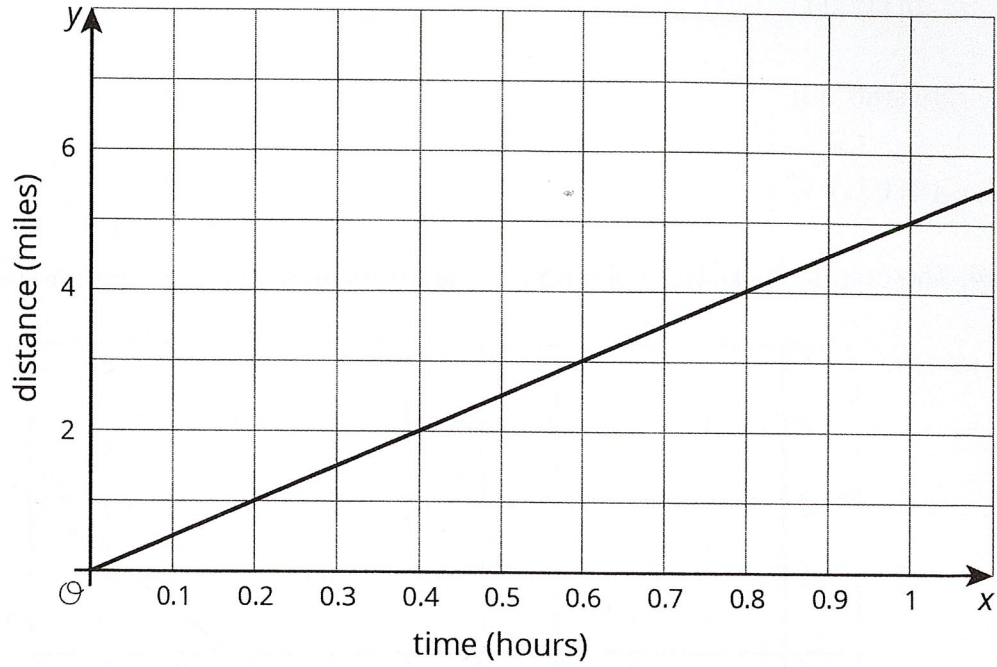


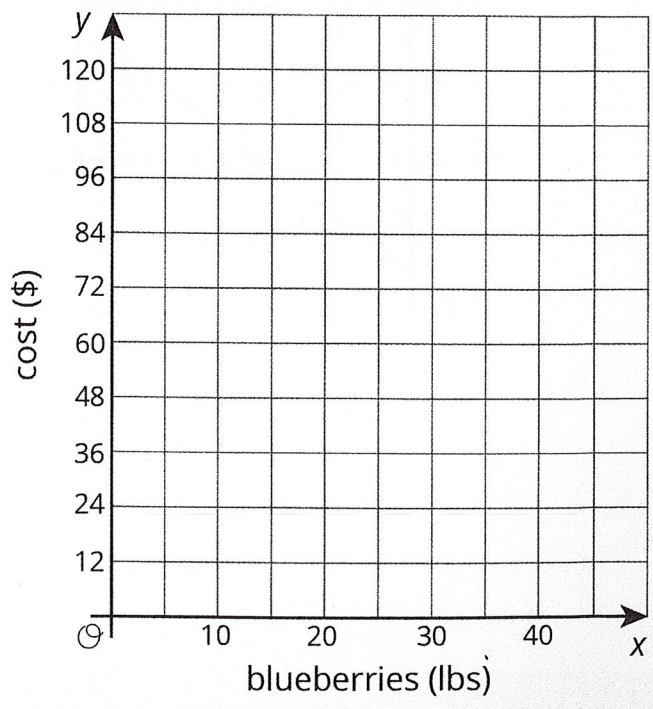
Lesson 1 Practice Problems

1. Priya jogs at a constant speed. The relationship between her distance and time is shown on the graph. Diego bikes at a constant speed twice as fast as Priya. Sketch a graph showing the relationship between Diego's distance and time.



2. A you-pick blueberry farm offers 6 lbs of blueberries for \$16.50.

Sketch a graph of the relationship between cost and pounds of blueberries.



3. A line contains the points $(-4, 1)$ and $(4, 6)$. Decide whether or not each of these points is also on the line:

- a. $(0, 3.5)$
- b. $(12, 11)$
- c. $(80, 50)$
- d. $(-1, 2.875)$

4. The points $(2, -4)$, (x, y) , A , and B all lie on the line. Find an equation relating x and y .

