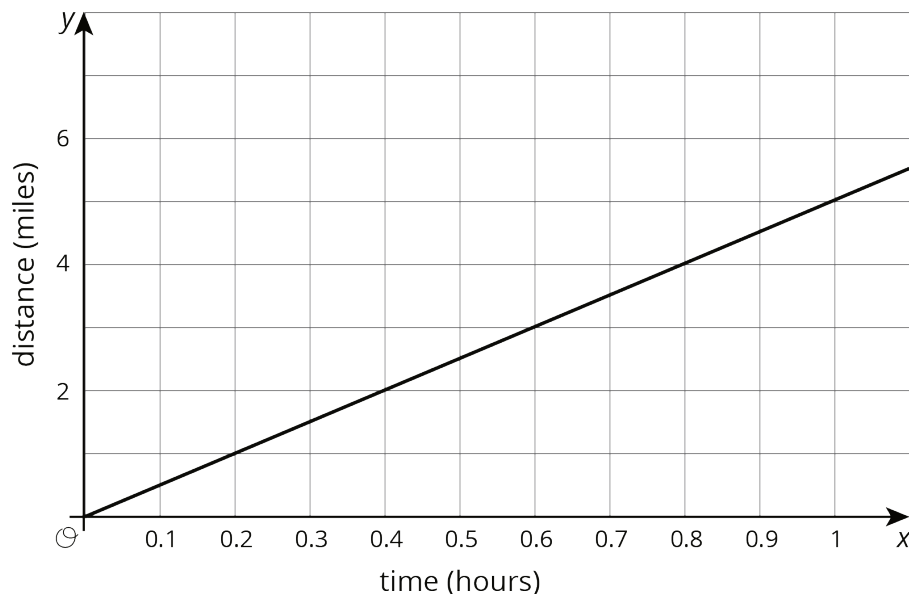


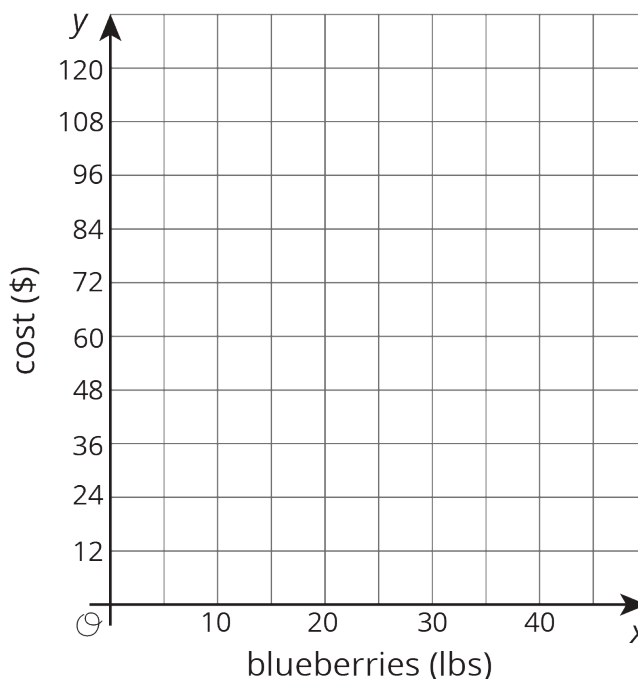
## Lesson 1 Practice Problems

- 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.



- 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.  $(-1, 2.875)$

(From Unit 2, Lesson 17.)

4. Select **all** the inequalities that have the same solutions as  $-4x < 20$ .

- A.  $-x < 5$
- B.  $4x > -20$
- C.  $4x < -20$
- D.  $x < -5$
- E.  $x > 5$
- F.  $x > -5$

(From Unit 4, Lesson 3.)