

On Your Own

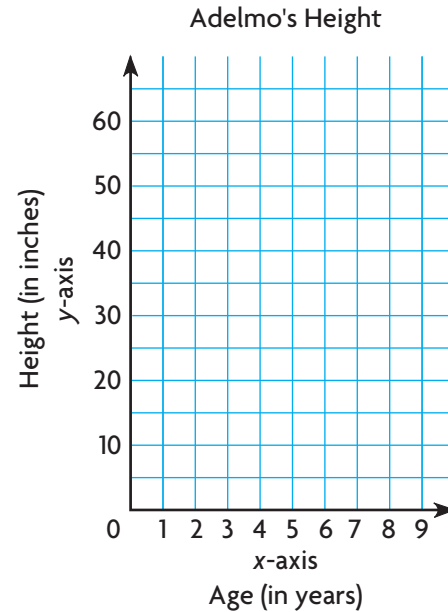
For items 1–3, graph the data on the coordinate plane.

1. Write the ordered pairs for each point.

2. What does the ordered pair (3, 38) tell you about Adelmo's age and height?

3. Why would the point (6, 42) be nonsense?

Adelmo's Height					
Age (in years)	1	2	3	4	5
Height (in inches)	30	35	38	41	44

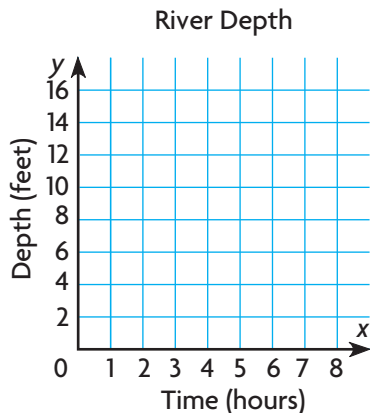


Problem Solving • Applications

4. The table shows the depth of the Dakota River at different times during a rainstorm.

Graph the ordered pairs from the tiles on the coordinate plane.

Dakota River					
Time (hours)	1	2	3	4	5
Depth (feet)	7	8	10	12	15



(1, 7)

(2, 8)

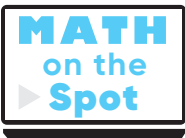
(3, 10)

(4, 12)

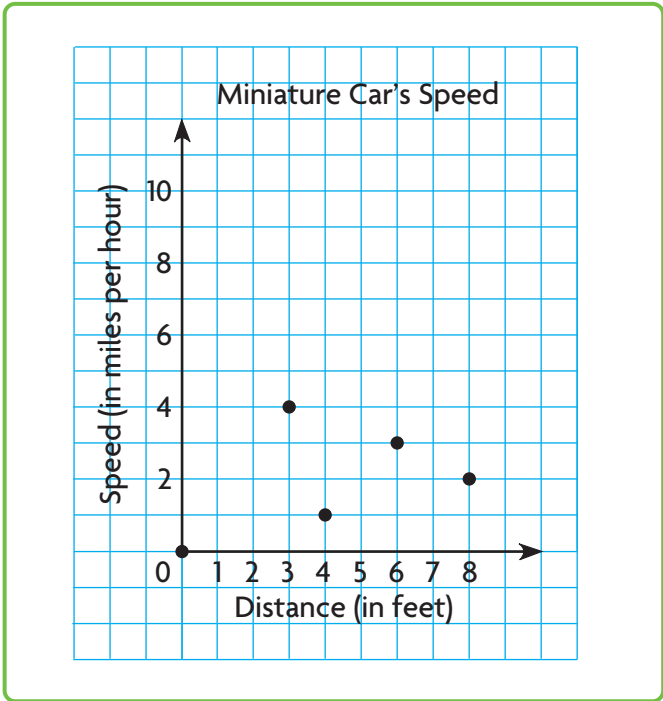
(5, 15)

5. Mary places a miniature car onto a track with launchers. The speed of the car is recorded every foot. Some of the data is shown in the table. Mary graphs the data on the coordinate plane below.

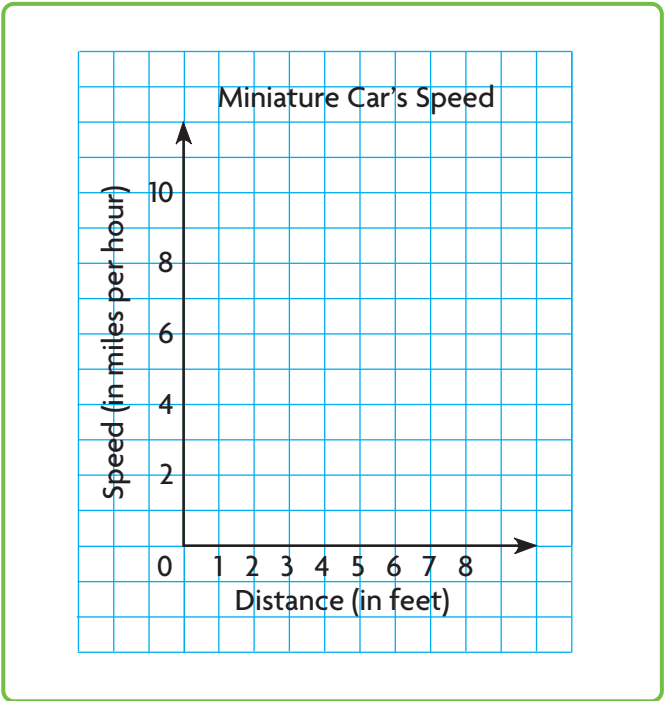
Miniature Car's Speed	
Distance (in feet)	Speed (in miles per hour)
0	0
1	4
2	8
3	6
4	3



Look at Mary's graphed data. Find her error.



Graph the data and correct the error.



6. **MTR** Describe the error Mary made.

7. At what distance do you think the car will stop? Explain and write the ordered pair.
