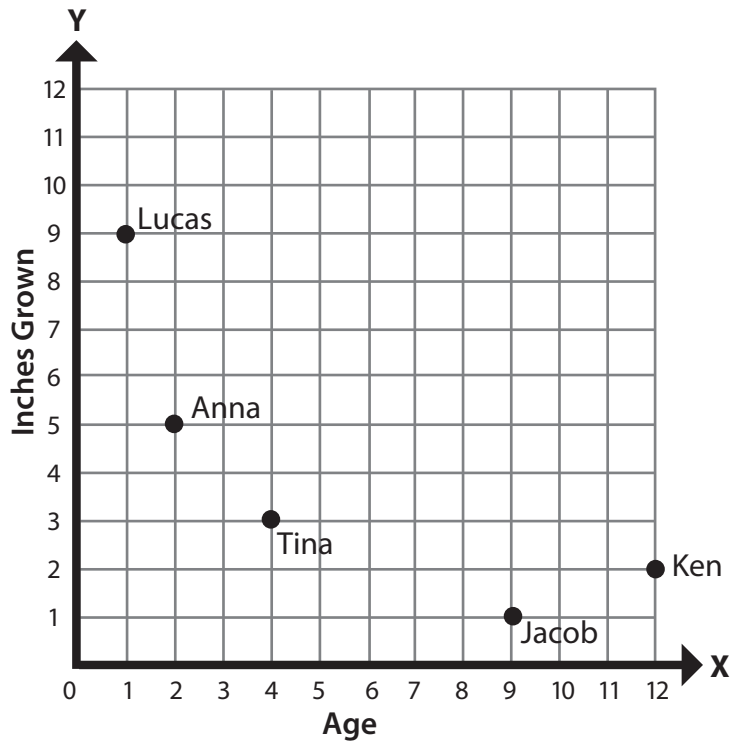Name: _____   Date: _____

Answers
Coordinate Plane Word Problems

Dr. Rios has collected data about her patients' growth. The points show the age and the number of inches grown since each person's last birthday.

Inches Grown (Y-axis) vs **Age** (X-axis)

1. Who has grown the most since their last birthday?

   Lucas
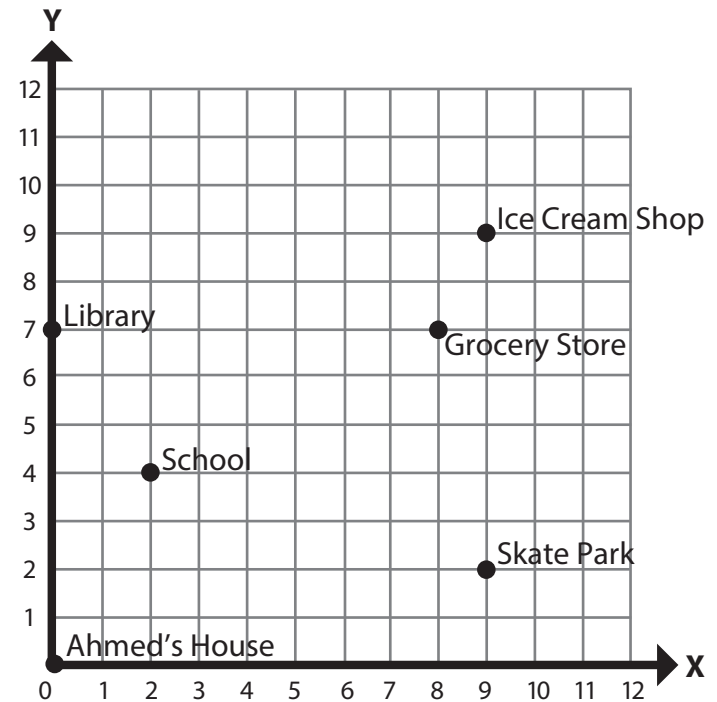
2. What is the total number of inches grown?

   20 inches

3. How many more inches did Tina grow than Jacob?

   2 inches more

Ahmed wanted to make a map of his neighborhood, so he graphed the locations of several places he likes to visit.

1. There is a video game store halfway between the library and the grocery store. At what coordinates should Ahmed graph the video game store?

   (4, 7)

2. What is the farthest place from Ahmed's house?
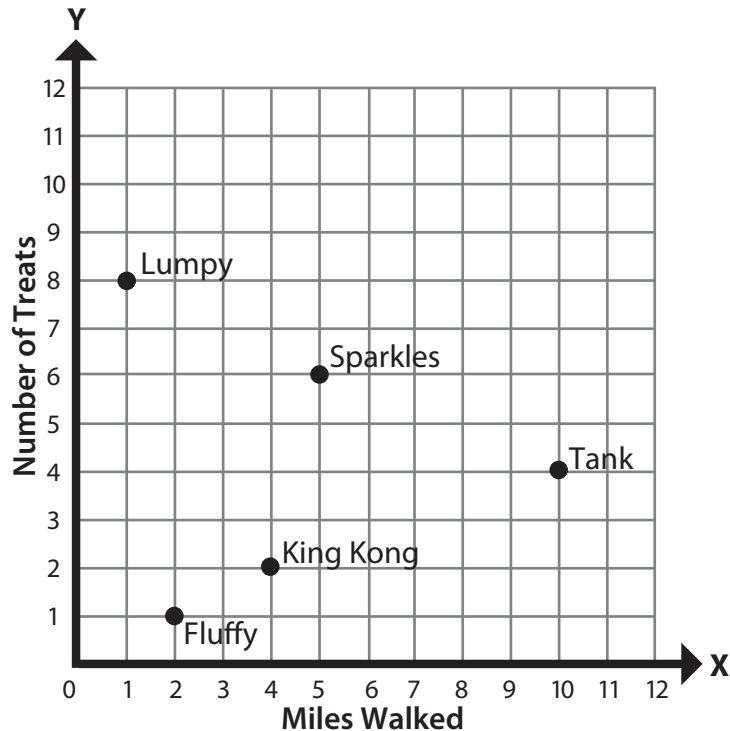
   The ice cream shop

Answers
Coordinate Plane Word Problems

Paloma is starting a dog walking business, so she has to keep track of all the dogs she walks. The points show how many miles each dog walked and how many treats they ate on their walk.

Leroy is on a camping trip and he is recording information about the different birds he sees. Each ordered pair shows the number of birds he has seen and the time of day he spotted them.

Number of Treats vs **Miles Walked**

- Lumpy (1, 8)
- Sparkles (5, 6)
- Tank (10, 4)
- King Kong (4, 2)
- Fluffy (2, 1)

Number of Birds vs **Time of Day**

- Kestrels (11, 6)
- Blackbirds (8, 3)
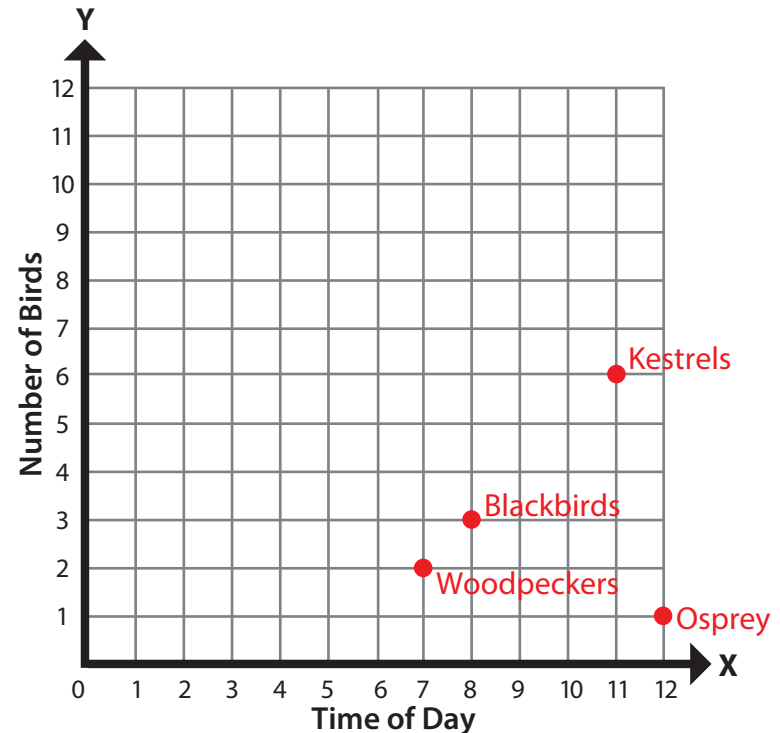- Woodpeckers (7, 2)
- Osprey (12, 1)

1. Paloma walked Mr. Snuffles today. He walked 2 miles farther than King Kong, and he ate 3 treats fewer than Lumpy. Plot Mr. Snuffles' walk on the coordinate plane.

   <u>Point should be located at (6,5)</u>

2. How many treats did all the dogs eat in total?

   <u>26 treats (including Mr. Snuffles)</u>

1. Plot each point on the coordinate plane.
   Blackbirds (8, 3)
   Kestrels (11, 6)
   Woodpeckers (7, 2)
   Osprey (12, 1)

2. An hour after he spotted the blackbirds, Leroy saw four times as many swallows as he did ospreys. What ordered pair would represent the swallows on his coordinate plane?

   (9, 4)

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