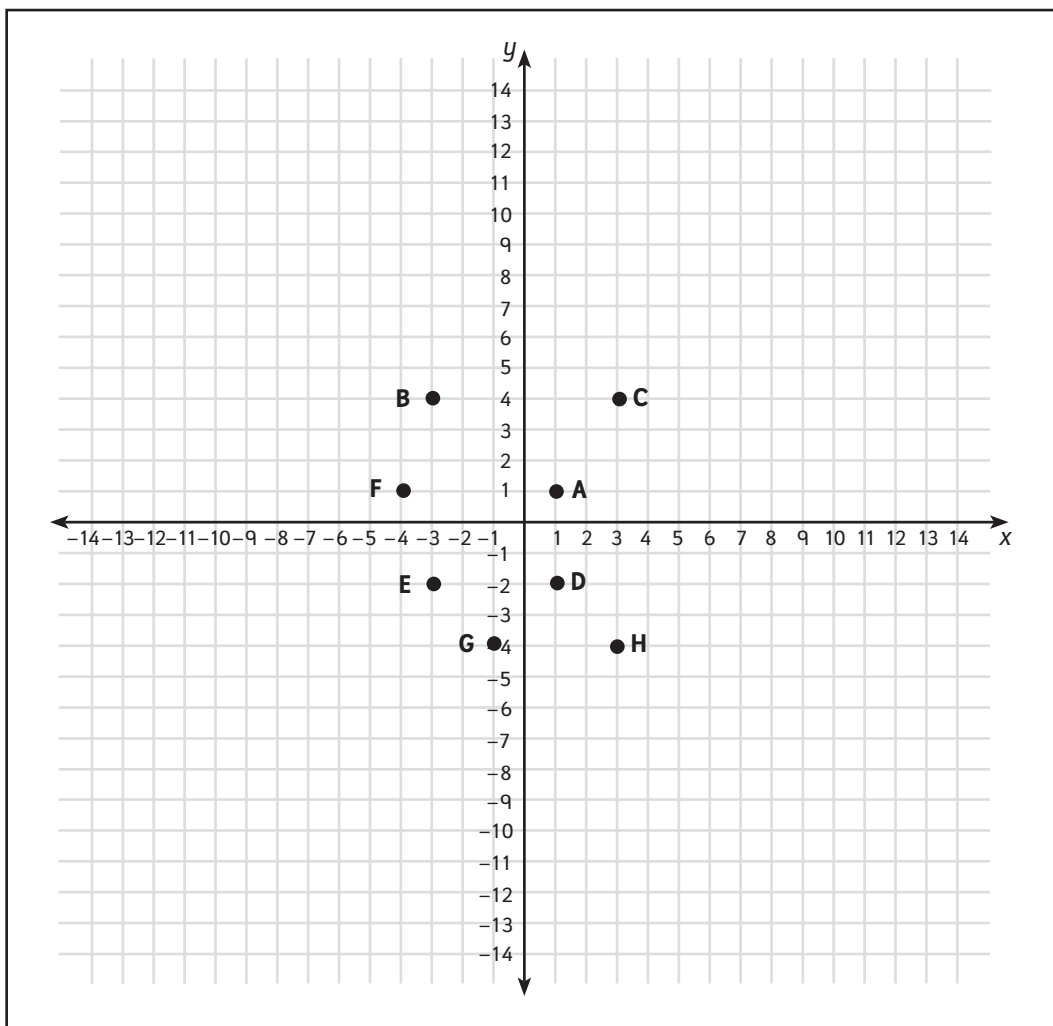Name _____ Date _____

## Skills Maintenance
**Identifying Coordinates on a Graph**

**Activity 1**

**Write the coordinates for each point on the graph.**



Write the coordinates.

A _____    B _____    C _____    D _____

E _____    F _____    G _____    H _____
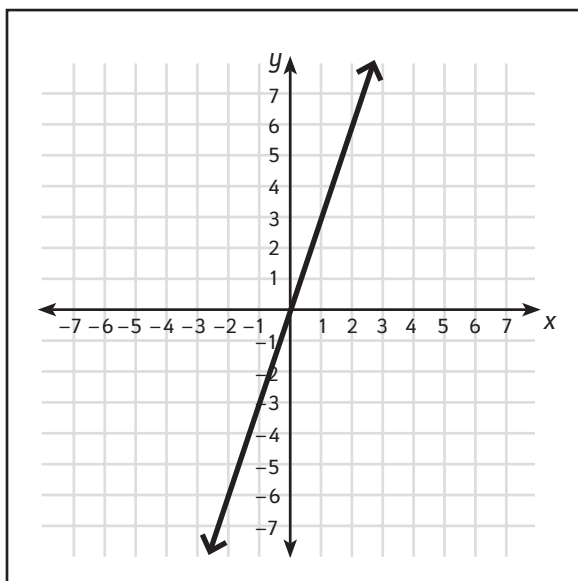
Name _____  Date _____

## Apply Skills
### Creating an *X/Y* Table From a Graph

**Activity 1**

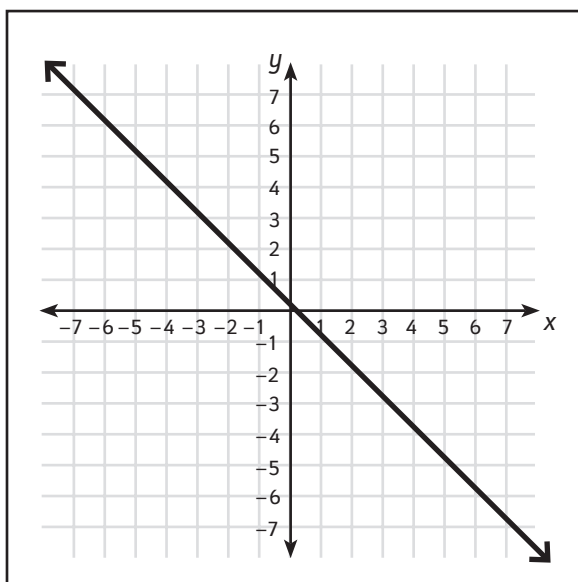Create an *x/y* table for each problem. Then tell the function in
*y* = *mx* + *b* form.

**1.**

| x | y |
|---|---|
|   |   |
|   |   |
|   |   |
|   |   |



**2.**

| x | y |
|---|---|
|   |   |
|   |   |
|   |   |
|   |   |

Name _____ Date _____

## Problem-Solving Activity
### The Point Where Functions Intersect on a Graph

**Write two functions to solve each problem. Use algebra to find where the two functions cross on the graph. Then plot the functions on a graph to see where they intersect.**

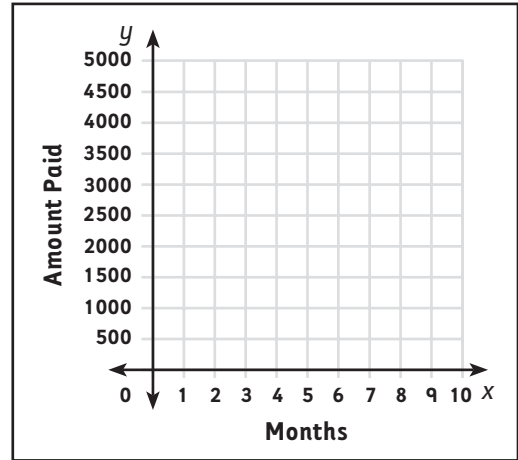**1.** Garrison Motors has two plans for buying new cars.

Plan 1: You pay $450 per month.

Plan 2: You pay $1,000 down and pay $250 per month.

What are the two functions?

_____

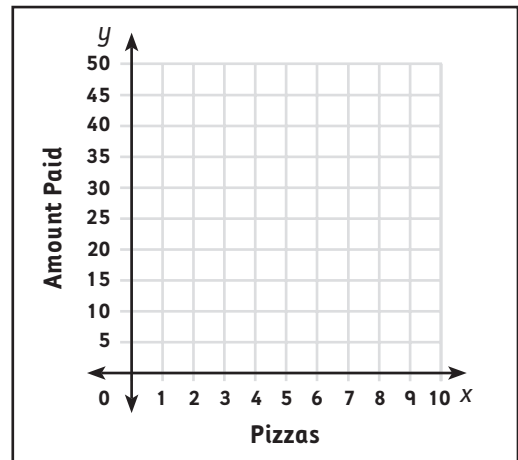How many months before you pay the same amount with both plans?

_____



**2.** Raul is getting a summer job delivering pizza. He has done it before, and he has to choose between two different companies. Bonzo Pizza will pay him $10 a day and $3 for every pizza he delivers. Too Hot to Eat Pizza will pay him $5 for every pizza he delivers.

What are the two functions?

_____

At what point will he make the same amount of money?

_____



## mBook Reinforce Understanding
Use the mBook *Study Guide* to review lesson concepts.