Name_____ Date_____ Period_____

LESSON 9-1 · SESSION 1 · PREREQUISITE PRACTICE A · SKILL 1 OF 2

Read Points on a Graph

Builds on Grade 5 · 5.G.A.2

TODAY'S LESSON	You will decide which variable goes on the *x*-axis of a taxi-cost graph.
YOU NEED TO	Read a point like (4, 2): 4 across the *x*-axis, 2 up the *y*-axis. **You will use it in Practice Form A, problem 6.**

STEPS TO FOLLOW

use these same steps on every problem

1 Start at the **origin**, (0, 0).

2 Count **across** the *x*-axis. That is the first number.

3 Count **up** the *y*-axis. That is the second number.

WATCH ME

the steps in action

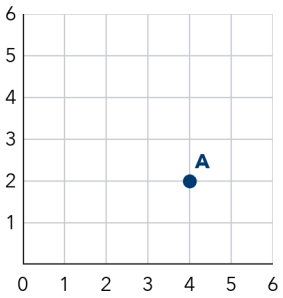
Name point A.

Step 1 Start at (0, 0).

Step 2 Count across the *x*-axis: 4.

Step 3 Count up the *y*-axis: 2.

Answer **A = (4, 2)**



TRY IT WITH HELP

fill in each step

1. How do you reach the point (3, 5)?

Step 1 Start at _____.

Step 2 Count across the *x*-axis: _____.

Step 3 Count up the *y*-axis: _____.

2. Where is the point (0, 9)?

Step 1 Start at _____.

Step 2 Count across the *x*-axis: _____.

Step 3 Count up the *y*-axis: 9. The point is on the _____-axis.

YOUR TURN

use the steps on your own

3. Write *x*-axis or *y*-axis.

a. the axis that goes across: _____

b. the axis that goes up: _____

c. the axis for the first number: _____

d. the axis for the second number: _____

e. where (4, 0) sits: _____

f. where (0, 6) sits: _____

Describe How Two Quantities Change

Builds on Grade 5 · 5.OA.B.3

TODAY'S LESSON	You will read "the more bags she sells, the more money she collects."
YOU NEED TO	Tell how one amount changes when another goes up: more songs, more cost. **You will use it in Practice Form A, problems 2 and 7.**

STEPS TO FOLLOW

use these same steps on every problem

1. Name the **first** amount. It goes up.
2. Name the **second** amount.
3. Decide: does the second amount go **up**, down, or stay the same?

WATCH ME

the steps in action

Songs bought and total cost.

Step 1 The first amount is songs bought.
Step 2 The second amount is total cost.
Step 3 More songs cost more money. Up.
Answer **up**

TRY IT WITH HELP

fill in each step

4. Miles driven and gas left in the tank.

Step 1 The first amount is _____.
Step 2 The second amount is _____.
Step 3 More miles means less gas. _____

5. Days a plant grows and its height.

Step 1 The first amount is _____.
Step 2 The second amount is _____.
Step 3 More days means a taller plant. _____

YOUR TURN

use the steps on your own

6. The first amount goes up. Write up, down, or same for the second amount.

a. friends sharing 1 pizza, slices each: _____

b. hours worked, money earned: _____

c. stamps bought, price of 1 stamp: _____

d. water poured out, water left: _____

READY CHECK

a problem like the one in today's lesson

7. Nia sells more bags. What happens to the money she collects?

A It goes down.
B It goes up.
C It stays the same.
D It goes up, then down.

CHECK YOURSELF ☐ I can do this on my own ☐ I need a little help ☐ I have a question about #____