Name_____ Date_____ Period_____

LESSON 7-5 · SESSION 1 · PREREQUISITE PRACTICE A · SKILL 1 OF 2

Plot Points in Quadrant I

Builds on Grade 5 · 5.G.A.1

TODAY'S LESSON	You will plot places like the Gate at (6, 3) and the Pond at (−4, 8).
YOU NEED TO	Plot a point like (4, 3): right 4, then up 3. **You will use it in Practice Form A, problems 2 and 7.**

STEPS TO FOLLOW

use these same steps on every problem

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

2 Move **right** the first number (x).

3 Move **up** the second number (y). Mark the point.

WATCH ME

the steps in action

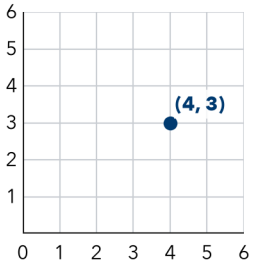
Plot the point (4, 3).

Step 1 Start at (0, 0).

Step 2 Move right 4.

Step 3 Move up 3. Mark the point.

Answer **the point (4, 3)**



TRY IT WITH HELP

fill in each step

1. Plot the point (2, 5).

Step 1 Start at _____.

Step 2 Move right _____.

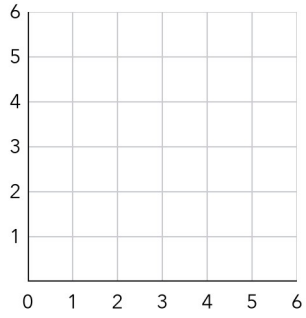
Step 3 Move up _____. Mark the point.

2. Plot the point (6, 0).

Step 1 Start at _____.

Step 2 Move right _____.

Step 3 Move up _____. Mark the point.



Use this grid for problems 1 and 2.

YOUR TURN

use the steps on your own

3. Start at the origin. Write the ordered pair for each set of moves.

a. right 2, up 6 _____

b. right 5, up 0 _____

c. right 0, up 4 _____

d. right 7, up 1 _____

e. right 1, up 7 _____

f. right 4, up 4 _____

Locate Decimals Between Whole Numbers

Builds on Grade 4 · 4.NF.C.6

TODAY'S LESSON	You will plot points like (2.5, 3) and (−3.5, 2.5).
YOU NEED TO	Find where a decimal like 2.5 sits between whole numbers. **You will use it in Practice Form A, problems 6 and 8.**

STEPS TO FOLLOW

use these same steps on every problem

1 The number before the point is the **whole number**.

2 The next whole number is **one more**.

3 **.25** is a quarter, .5 is halfway, .75 is three quarters.

WATCH ME

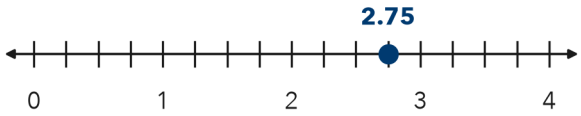
the steps in action

Where is 2.75 on a number line?

Step 1 The whole number is 2.

Step 2 The next whole number is 3.

Step 3 .75 is three quarters of the way.



Answer **between 2 and 3, close to 3**

TRY IT WITH HELP

fill in each step

4. Where is 3.5 on a number line?

Step 1 The whole number is _____.

Step 2 The next whole number is _____.

Step 3 .5 means _____ of the way.

5. Where is 4.25 on a number line?

Step 1 The whole number is _____.

Step 2 The next whole number is _____.

Step 3 .25 means _____ of the way.

YOUR TURN

use the steps on your own

6. Write the two whole numbers each decimal is between.

a. 6.25 _____ **b.** 0.75 _____ **c.** 4.5 _____

d. 1.25 _____ **e.** 9.75 _____ **f.** 2.5 _____

READY CHECK

a problem like the one in today's lesson

7. A point has x = 4.5. Between which whole numbers is its x?

A between 4 and 5 **B** between 3 and 4 **C** at 45 **D** between 5 and 6

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