Name_____ Date_____ Period_____

LESSON 3-4 · 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 points like (2, 6) for 2 hours and 6 miles.
YOU NEED TO	Plot a point like (3, 4): go right 3, then up 4. **You will use it in Practice Form A, problems 2 and 5.**

STEPS TO FOLLOW

use these same steps on every problem

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

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

3 Move **up** the second number (y). Draw a dot.

WATCH ME

the steps in action

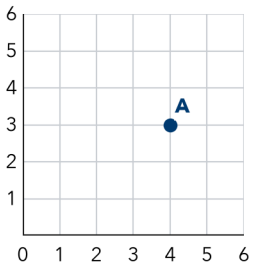
Plot point A at (4, 3).

Step 1 Start at (0, 0).

Step 2 Move right 4.

Step 3 Move up 3. Draw a dot. Label it A.

Answer **A is 4 right and 3 up.**



TRY IT WITH HELP

fill in each step

1. Plot point B at (2, 5) on the Watch Me grid.

Step 1 Start at _____.

Step 2 Move right _____.

Step 3 Move up _____. Draw a dot.

2. Plot point C at (5, 1) on the same grid.

Step 1 Start at _____.

Step 2 Move right _____.

Step 3 Move up _____. Draw a dot.

YOUR TURN

use the steps on your own

3. Write how far right and how far up you move for each point.

a. (3, 7): _____ **b.** (6, 2): _____ **c.** (0, 4): _____

d. (5, 0): _____ **e.** (1, 6): _____ **f.** (4, 4): _____

Read Axis Scales

Builds on Grade 5 · 5.G.A.2

TODAY'S LESSON	You will plot Maya's savings on a graph whose y-axis counts by 4.
YOU NEED TO	Read a skip-count axis, like 7 lines up by 5s is 35. **You will use it in Practice Form A, problem 5.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the **scale**: how much each gridline counts.
2. **Count** the gridlines from 0.
3. **Multiply**: gridlines × scale = the value.

WATCH ME

the steps in action

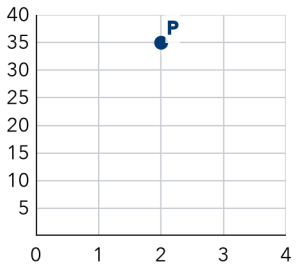
The y-axis counts by 5. Point P is 7 gridlines up. What is its y-value?

Step 1 The scale is 5.

Step 2 P is 7 gridlines up.

Step 3 7 × 5 = 35.

Answer **35**



TRY IT WITH HELP

fill in each step

4. The y-axis counts by 10. A point is 6 gridlines up. What is its y-value?

Step 1 The scale is _____.

Step 2 The point is _____ gridlines up.

Step 3 6 × 10 = _____.

5. The x-axis counts by 2. A point is 4 gridlines right. What is its x-value?

Step 1 The scale is _____.

Step 2 The point is _____ gridlines right.

Step 3 4 × 2 = _____.

YOUR TURN

use the steps on your own

6. Find each value.

a. by 5s, 4 lines: _____

b. by 10s, 3 lines: _____

c. by 25s, 3 lines: _____

d. by 4s, 9 lines: _____

READY CHECK

a problem like the one in today's lesson

7. The y-axis counts by 5. A point is 9 gridlines up. What is its y-value?

A 14 **B** 45 **C** 9 **D** 40

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