Name _____ Date _____ Period _____

LESSON 9-2 · WARM-UP

Warm-Up Practice

Analyze Graphs of Relationships Between Two Variables

THE MOVE

what this page practices

Read what one step on an axis is worth

Look at two marked numbers in a row. The jump between them is what one step is worth.

Name the point as an ordered pair

Across first, then up: (x, y). Going the other way, the first number is how far across and the second is how far up.

WORKED MODEL

we do this one together

Step 1	The x-axis steps by 4. The y-axis steps by 5.
Step 2	A point sits 3 steps right and 2 steps up.
Step 3	x = 3 × 4 = 12
Step 4	y = 2 × 5 = _____, so the point is (_____ , _____)

YOUR TURN

8 items · about 10 minutes

1. The x-axis steps by 2 and the y-axis steps by 3. A point is 4 steps right and 2 steps up. The point is _____

ANSWER _____

2. The x-axis steps by 5 and the y-axis steps by 10. A point is 3 steps right and 4 steps up. The point is _____

ANSWER _____

3. An axis is marked 0, 25, 50, 75. One step is worth _____

ANSWER _____

4. A point is 6 across and 0 up. Write the ordered pair: _____

ANSWER _____

5. A table lists x = 1, 2, 3 and y = 4, 8, 12. Write the three ordered pairs: _____

ANSWER _____

6. The points (1, 5), (2, 10), (3, 15) keep going the same way. The next point is _____

ANSWER _____

7. The points go (2, 6), (4, 12), (6, 18). Another point in the same pattern has y = 30. Write that point: _____

ANSWER _____

8. In (x, y), which value comes first, x or y? _____ Now write the point at 4 across and 12 up: _____

ANSWER _____