

FLUENCY PRACTICE: Finding Point-Slope Functions from 2 Points, Tables, and Graphs

Name: _____

Period: _____

Directions: Find the **point-slope form** of each line with the given information.

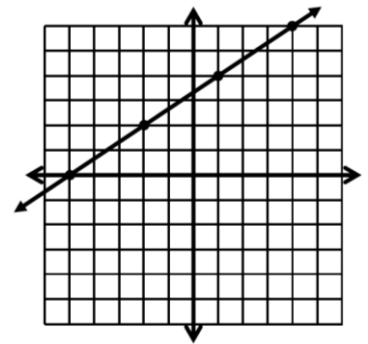
1. What is the **point-slope form** of the linear function that goes through (6, 7) and (5, 4)?

2. What is the **point-slope form** of the linear function that goes through (4, 7) and (2, 13)?

3. What is the **point-slope form** of the linear function with the following table?

x	-8	-4	0	4	8	12	16
y	12	9	6	3	0	-3	-6

4. What is the **point-slope form** of the linear function with the following graph?



5. What is the **point-slope form** of the linear function that goes through (6, 3) and (-2, 1)?

6. What is the **point-slope** of the linear function that goes through (7, -4) and (2, 4)?

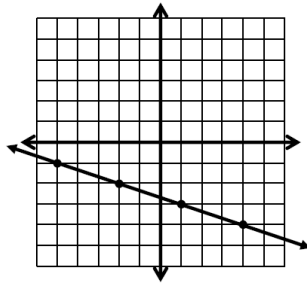
7. What is the **point-slope form** of the linear function that has the following table?

x	-8	-4	0	4	8	12
y	19	13	7	1	-5	-11

8. What is the **point-slope form** of the linear function that has the following table?

x	-12	-7	-2	3	8	13
y	-17	-13	-9	-5	-1	3

9. What is the **point-slope form** of the linear function that has the following graph?



10. What is the **point-slope form** of the linear function that has the following graph?

