Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_

# WS 4-2

# Functions and Relations

**SHOW ALL YOUR WORK TO RECEIVE FULL CREDIT**

**I. Domain and Range**

1. What is the domain of the function? -1 0

1 2

4 3

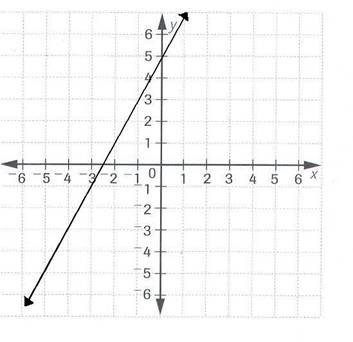
5 6

2. What is the range of the above function?

3. What is the domain of the function? (2, 0), (3, -4), (0, 1), (1, 1)

4. What is the range of the function? (2, 0), (3, -4), (0, 1), (1, 1)

5. Is this a function? Why or why not?



**II. Evaluating Functions**

6. Evaluate when .

7. Evaluate when .

**III. Graphing Linear Functions**

8. Graph the function.