**Unit 6 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Day 1 Practice Date: \_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_**

**State the domain and range of the relation. Then determine if the relation is a function.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1.) {(1, 2), (4, 3), (5, 9), (- 2, 0)} | 2.)

|  |  |
| --- | --- |
| **X** | **Y** |
| 8 | 1 |
| 6 | 2 |
| 5 | 3 |
| 8 | 4 |
| 7 | 5 |
| 3 | 3 |

 |

3.) 4.)

 

**Evaluating the function and show proper function notation:**

|  |  |
| --- | --- |
| 5.) For f(x) = 7x + 2, find f(0). | 6.) For k(p) = , find k(10). |

7.) Evaluate the function for the given values: 8.) Evaluate the function for the given values:



a. f(6) = \_\_\_\_\_ b. f(2) = \_\_\_\_\_ a. f(8) = \_\_\_\_\_ b. f(12) = \_\_\_\_\_

c. f(0) = \_\_\_\_\_ d. f(\_\_\_) = 2.5 c. f(18) = \_\_\_\_\_ d. f(22) = \_\_\_\_\_

e. f(\_\_\_) = 0 f. f(\_\_\_) = 3 e. f(\_\_\_) = 20 f. f(\_\_\_) = 12

**Graph the linear equation using a table of value. Use – 2, - 1, 0, 1, 2 as your input values.**

|  |  |
| --- | --- |
| 9.)  | 10.)  |

