CCGPS Math 8 Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Unit 4: Functions Date: 1/7/15 Class: 1 2 3 6 7

***Function Practice***

**Directions:** Read each question carefully. Show your work and choose the best answer.

|  |  |
| --- | --- |
| 1. Which of the following represents a function?A)  B) C)  D)  | 2. Does the following mapping diagram represent a function?A) Yes B) No |
| 3. Complete the function table using the given nrule.

|  |  |  |
| --- | --- | --- |
| **x** | **y=2x-3** | **y** |
| -1 |  |  |
| 0 |  |  |
| 1 |  |  |
| 2 |  |  |

 | 4. Which rule represents this function?

|  |  |
| --- | --- |
| **x** | **y** |
| 3 | -13 |
| 5 | -21 |
| 6 | -25 |
| 8 | -33 |

 **A) y=-4x-1 B) y=x-16** **C) y=-4x D) y=4x+1** |
| 5. Does the following table represent a function?A) Yes B) No | 6. Does this graph represent a function?A) Yes B) No  |
| 7. Which of the following is NOT a representation of a function? A) equation B) graphC) ordered pairs D) exponents | 8. A function is defined by the rule y=6x-2. What would the output be when the input is 7?A) 42  B) 40C)  65 D) 69 |