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.

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| 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) graph  C) 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) 40  C)  65 D) 69 |