Unit 5 Lesson 1 – Introduction to Functions

Determine whether each of the following are functions or not. **Explain.**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **Function?** | **Explanation.** |
| 1.) |  |  |  |
| 2.) |  |  |  |
| 3.) | Image result for tables that are and are not functions |  |  |
| 4.) | http://mrhonner.com/wp-content/uploads/2012/08/Regents-2012-Spot-the-function.png |  |  |
| 5.) | Image result for mapping diagrams math |  |  |
|  |  | **Function?** | **Explanation.** |
| 6.) | {(1, 2), (4, 3), (4, 5)} |  |  |
| 7.) | http://mrhonner.com/wp-content/uploads/2012/08/Regents-2012-Spot-the-function.png |  |  |
| 8.) |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| x | 0 | 1 | 2 | 3 | 4 |
| y | 2 | 4 | 6 | 8 | 10 |

 |  |  |
| 9.) | {(2, 1), (3, 4), (5, 1)} |  |  |
| 10.) |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| x | 1 | 2 | 1 | 2 | 3 |
| y | 4 | 1 | 4 | 5 | 6 |

 |  |  |
| 11.) |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| x | 1 | 1 | 1 | 1 | 1 |
| y | 2 | 2 | 2 | 2 | 2 |

 |  |  |
| 12.) | http://mrhonner.com/wp-content/uploads/2012/08/Regents-2012-Spot-the-function.png |  |  |