**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_**

**Vocabulary**

**Domain:**

* **Set of first coordinates in an ordered pair. (the x values)**

**Range:**

* **Set of second coordinates in a ordered pair (the y values)**

**Relation:**

* **Set of all ordered pairs; x value may be repeated**

**Function f(x) or y:**

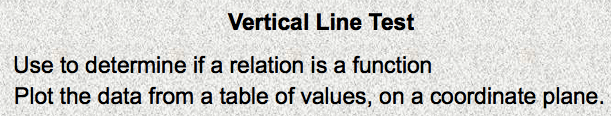
* **a relation that assigns exactly one value in the range to each value in the domain.**

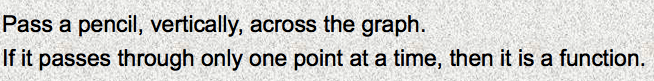
**(x value may not be repeated)**

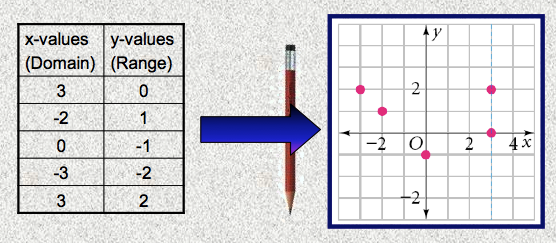
|  |  |
| --- | --- |
| **Giraffes** | |
| Age (years) | Height (meters) |
| 18 | 4.25 |
| 20 | 4.40 |
| 21 | 5.25 |
| 14 | 5.00 |
| 18 | 4.85 |

Relation:

Function:



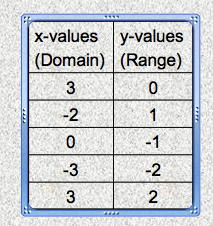


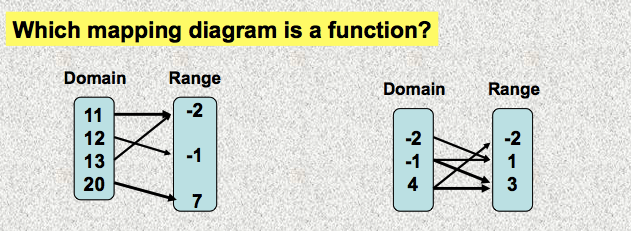












|  |  |  |
| --- | --- | --- |
| **Domain**  **(x value)** |  | **Range**  **(y value)** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**Function rule**

**f(x) = 2x + 4**

**y = 2x + 4**



