Watch this Video to learn more about the Vertical Line Test

<http://www.youtube.com/watch?v=j-wFB_gPAvI>

Practice with me:

<http://www.ixl.com/math/algebra-1/identify-functions-vertical-line-test>

**Mathematician: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**HW 5-1**

**Identify if each of the following relations is a *function or not a function***

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

**Represent each of the following relations in *a relation set, mapped diagram and a table*.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5.  Relation Set= {(-3,4), (6,2), (5,2), (9,-1), (2,4)}       |  |  | | --- | --- | | x | y | |  |  | |  |  | |  |  | |  |  | |  |  | |
| 1. 6. {(3, −4), (2, 0), (−4, −1), (0, −3)}   What is the output when the input is 0?  What is the input when the output is -1? |

**REGENT QUESTIONS PRACTICE: Challenge your self**



2.



3.



