A Relation is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

A function is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| (x, | | | y) | | | | |
| **D** | **I** | **X** | | **R** | | **O** | **Y** | |
|  | | | | |  | | | | |

|  |  |
| --- | --- |
| Find the Domain and Range of the  Relation { (5,2), (-3,0), (-2,4), (4,-2),  (-1,2)}  Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Determine whether the relation is a function { (7,-3), (-9,2), (12,-2), (-9,6)}  Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Function (circle) YES NO  Why? |
| Determine whether the relation is a function using a mapping diagram  { (10,-4), (7,6), (15,-4), (21,9)}  X Y  Function? YES NO  Why? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Determine whether the relation is a function using a mapping diagram  { (12,9), (-7,6), (15,-4), (-7,-9), (8,9)}  X Y  Function? YES NO  Why? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |