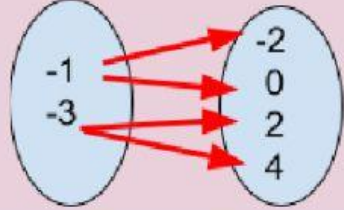
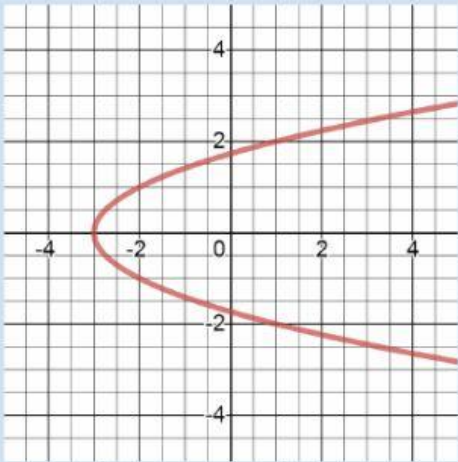


# Function, Domain & Range Interactive Worksheet

1. State how each diagram is expressed, a set of ordered pairs, a mapping diagram, a table of values, a graph, an equation or a paragraph..
2. Decide if each relation below is a function (yes) or not (no).
3. State the Domain and range of each relation, using the appropriate notation form. Please note the set of brackets { } are not interchangeable with ordered pair brackets ( ).

|                                                                     |                                                                                    |
|---------------------------------------------------------------------|------------------------------------------------------------------------------------|
| $\{(2,3),(3,3),(-1,3),(0,3),(-4,3)\}$                               |  |
| <p>Expressed as:</p> <p>Function :</p> <p>Domain:</p> <p>Range:</p> | <p>Expressed as:</p> <p>Function :</p> <p>Domain:</p> <p>Range:</p>                |

|  | <table border="1"> <thead> <tr> <th>x</th> <th>y</th> </tr> </thead> <tbody> <tr> <td>-4</td> <td>32</td> </tr> <tr> <td>-2</td> <td>16</td> </tr> <tr> <td>0</td> <td>4</td> </tr> <tr> <td>2</td> <td>1</td> </tr> </tbody> </table> | x | y | -4 | 32 | -2 | 16 | 0 | 4 | 2 | 1 |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|----|----|----|----|---|---|---|---|
| x                                                                                   | y                                                                                                                                                                                                                                      |   |   |    |    |    |    |   |   |   |   |
| -4                                                                                  | 32                                                                                                                                                                                                                                     |   |   |    |    |    |    |   |   |   |   |
| -2                                                                                  | 16                                                                                                                                                                                                                                     |   |   |    |    |    |    |   |   |   |   |
| 0                                                                                   | 4                                                                                                                                                                                                                                      |   |   |    |    |    |    |   |   |   |   |
| 2                                                                                   | 1                                                                                                                                                                                                                                      |   |   |    |    |    |    |   |   |   |   |
| <p>Expressed as:</p> <p>Function :</p> <p>Domain:</p> <p>Range:</p>                 | <p>Expressed as:</p> <p>Function :</p> <p>Domain:</p> <p>Range:</p>                                                                                                                                                                    |   |   |    |    |    |    |   |   |   |   |