**2.7 Skills Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Sketch a graph of each given function.

 **1.** absolute value function 2. Square or quadratic function

 

 **3.** cube or cubic function



Complete the table for each given function and use the values to graph the function. (on your graph paper)

 **4.** 

|  |  |
| --- | --- |
| ***x*** |  |
|  |  |
|  |  |
|  |  |
| 0 |  |
| 1 |  |
| 3 |  |
| 6 |  |

 **5.** 

|  |  |
| --- | --- |
| ***x*** |  |
|  |  |
|  |  |
|  |  |
| 0 |  |
| 1 |  |
| 3 |  |
| 4 |  |

 **6.** 

|  |  |
| --- | --- |
| ***x*** |  |
|  |  |
|  |  |
|  |  |
| 0 |  |
| 1 |  |
| 1.2 |  |
| 1.7 |  |
| 2 |  |

 **7.** 

|  |  |
| --- | --- |
| ***x*** |  |
|  |  |
|  |  |
|  |  |
| 0 |  |
| 2 |  |
| 4 |  |
| 8 |  |

 **8.** 

|  |  |
| --- | --- |
| ***x*** |  |
|  |  |
|  |  |
|  |  |
| 0 |  |
| 1 |  |
| 2 |  |
| 3 |  |

 **9.** 

|  |  |
| --- | --- |
| ***x*** |  |
|  |  |
|  |  |
|  |  |
| 0 |  |
| 1 |  |
| 2 |  |
| 2.5 |  |

 **10.** 

|  |  |
| --- | --- |
| ***x*** |  |
|  |  |
|  |  |
|  |  |
| 0 |  |
| 1 |  |
| 2 |  |
| 4 |  |

 **11.** 

|  |  |
| --- | --- |
| ***x*** |  |
|  |  |
|  |  |
|  |  |
| 0 |  |
| 2 |  |
| 4 |  |
| 6 |  |