**10 Academic Unit #3 Quiz #2 Name:**

 **Knowledge: \_\_\_\_\_\_\_\_\_\_\_/8**

 **Application: \_\_\_\_\_\_\_\_\_\_\_/9**

 **Communication: \_\_\_\_\_\_\_\_\_\_\_/4**

|  |  |  |
| --- | --- | --- |
| 1. | Match the graph with the correct equation by placing the letter of the graph UNDER the equation. Note: Only 4 of the equations will be used. |  *[K4]* |
|  | a. |  | b. |  |  |
|  | c. |  | d. |  |  |
|  |         \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_  |  |
| 2. | State the transformations that took place to the basic  to obtain the parabola given. Use proper math terminology.  | *[C4]* |
| 3. | Graph each of the following. |  |
|  | a. |  | b. |  (hint: complete the table) |

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

 *[K2+K2]* |
|  | c. |  | d. |  | *[A2+A2]* |
|  | e. |  | f. |  | *[A2+A3]* |