**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]* |