Math 2 Unit 2A - Unit Review Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**For 1-3, graph the given transformed quadratic function using a table of characteristic points.**

1.

|  |  |
| --- | --- |
| x | y |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |



2.

|  |  |
| --- | --- |
| x | y |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |



3.

|  |  |
| --- | --- |
| x | y |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

**For 4-5, convert each quadratic equation in vertex form to factored form. Be sure to swing by standard form on your way!**

4.

Standard Form:

Factored Form:

5.

Standard Form:

Factored Form:

**For 6-9, factor the quadratic expression.**

6. 7.

8. 9.