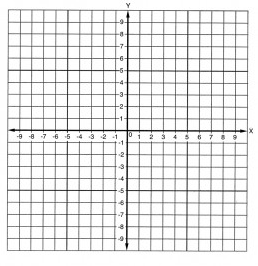
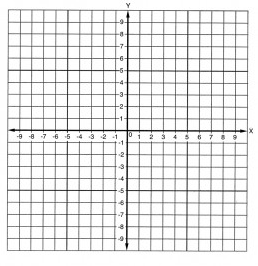
GSE Algebra 1 **HW #7.5** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Find the vertex and graph the parabola for the following equations.



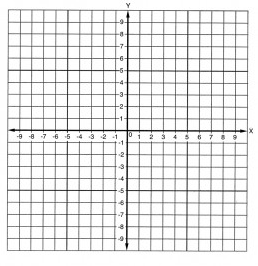
Vertex: Axis of Symm:

Direction: Make a table to graph



Vertex: Axis of Symm:

Direction: Make a table to graph



Vertex: Axis of Symm:

Direction: Make a table to graph

**Multiply** out the following. Make a **box** or **distribute** whichever you prefer.

1. 5) 6)

|  |  |
| --- | --- |
|  |  |
|  |  |

|  |  |
| --- | --- |
|  |  |
|  |  |

1. Convert the following into **vertex** form:
2. Convert the following into **standard** form, **then** into **vertex** form:

Tell what the **y-intercepts** are for the following.

1. 10) 11)

How has the graph moved/translated?

1. 13)

Substitute numbers in here

