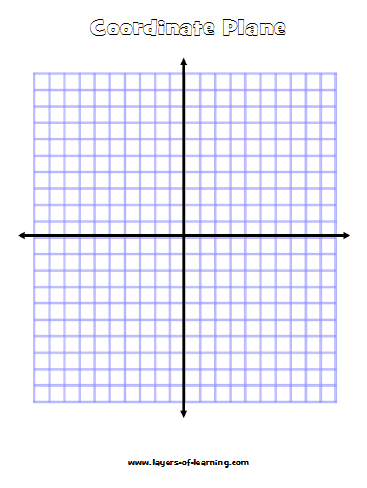
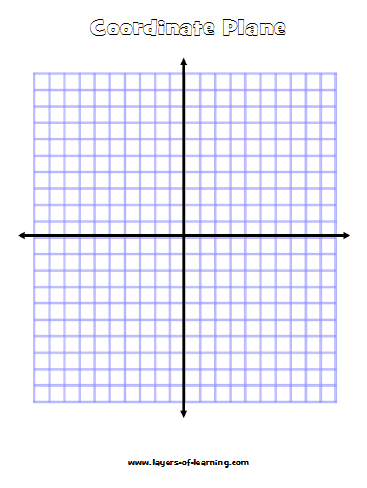
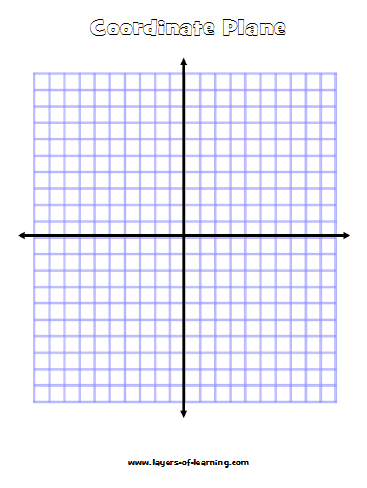
**Use the quadratic equation to find VERTEX, AXIS OF SYMMETRY, and Y-INTERCEPT.**

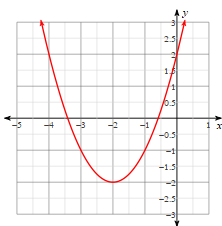
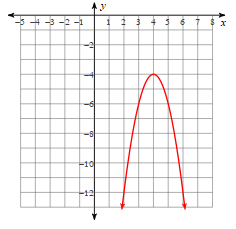
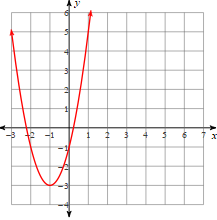
1) 2)

3) 4)

**SKETCH the following quadratic functions from vertex form. (only need 1 point, like foldable)**

5) 6) 7)



**Write the equation that corresponds to the graph in VERTEX FORM.**

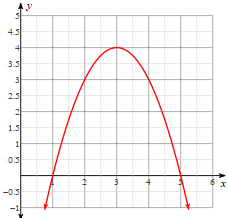
8) 9) 10)

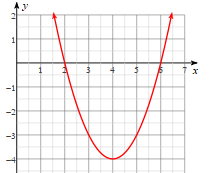
**Convert the standard form equation into VERTEX FORM.**

11) 12)

13) 14)

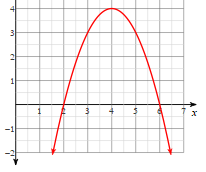
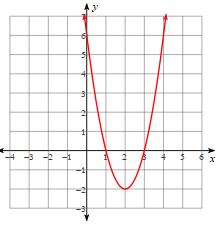
**Use the graphs to identify the ZEROS and the INTERVALS.** *(Remember: intervals are x-values only!)*

15) Positive & Increasing 16) Negative & Increasing



Interval: Interval:

Zeros: Zeros:

17) Negative & Decreasing 18) Negative & Decreasing

Interval: Interval:

Zeros: Zeros: