## **Calculator Instructions**

Do this **every time** you get the **calculator for the day**.

- 1.  $2^{nd} + 712$
- 2. 2<sup>nd</sup> 0 x<sup>-1</sup> DiagonosticOn enter enter
- 3. 2<sup>nd</sup> Window (change) Indpnt to ASK

16 JAN 2019

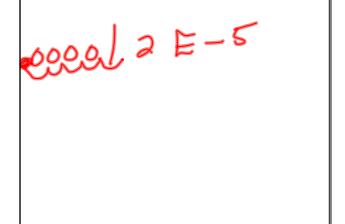
Explain in complete sentences what the -3 coefficient of  $x^2$  would tell you about the function,  $y = -3x^2 + 4x - 2$ .

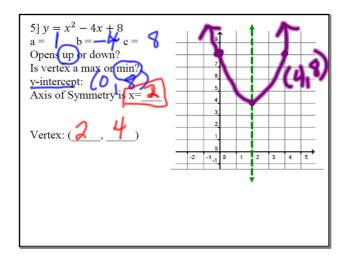
Practice Worksheet: Graphing Quadratic Functions in Standard Form

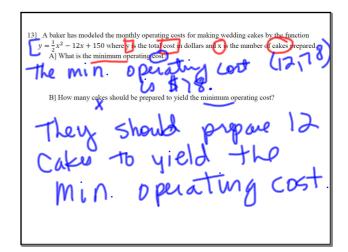
1] For any quadratic of the form  $y = ax^2 + c$ , the axis of symmetry is always the line

2] If the axis of symmetry of a quadratic is x = 2 and (-1,3) is on the graph, then the point (-1,3) must also be on the graph.

3] For any quadratic of the form  $y = ax^2 + c$ , the y-intercept is always the same point as the left of the graph of  $y = 2x^2 + 4x + 3$  passes through the point (-1, -1) and (-1, -1).







Finish worksheet and turn in before you leave.