So, the axis of symmetry is:  $e = -\frac{1}{2}$ 

where g is the first coordinate of the vertex, and it is equal:  $-\frac{1}{2(1)} = -\frac{1}{2}$ 

- Solution

- Since the line of symmetry will always be a vertical line in all of our parabolas,

- the general formula for the line will be e = g