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

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

- Solution

- the general formula for the line will be p = m

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