So, the axis of symmetry is: $v = -\frac{1}{4}$

where z is the first coordinate of the vertex, and it is equal: $-\frac{1}{2(2)} = -\frac{1}{4}$

- 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 v = z