

## Quadratic - General Form #2

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### Question 1

Determine the **zero(s)** of the quadratic function given below.

$$y = x^2 - x + 5$$

### Question 2

Determine the **zero(s)** of the quadratic function given below.

$$y = 16x^2 - 40x + 25$$

### Question 3

Determine the **coordinates** of the quadratic function given below when  $y = 5$ .

$$y = x^2 + 8x - 15$$

### Question 4

Determine the **zero(s)** of the quadratic function given below.

$$y = 2x^2 - 3x + 9$$

### Question 5

Determine the **zero(s)** of the quadratic function given below.

$$y = x^2 - 8x + 16$$

### Question 6

Determine the **zero(s)** of the quadratic function given below.

$$y = 2x^2 - 5x + 7$$

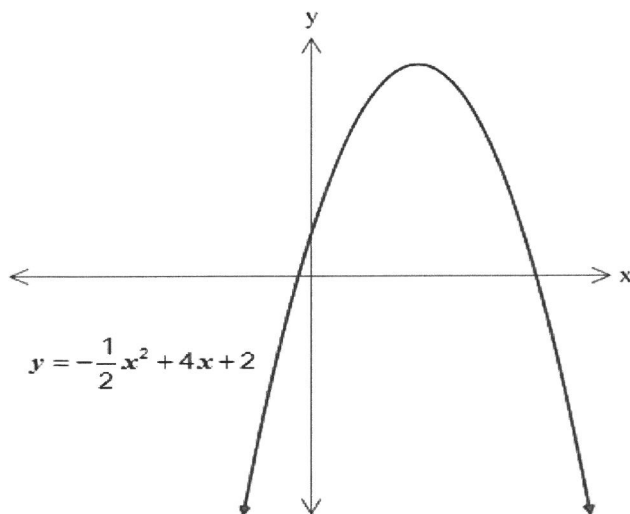
### Question 8

Determine the **zero(s)** of the quadratic function given below.

$$y = 9x^2 + 6x + 1$$

### Question 7

Determine the **zero(s)** of the quadratic function shown on the graph below. Please round your coordinates to the nearest hundredth.



### Question 9

Determine the **coordinates** of the quadratic function given below when  $y = 4$ .

$$y = -x^2 - x + 16$$

Question 10

Determine the **zero(s)** of the quadratic function given below.

$$y = 3x^2 + 2x + 5$$