

A

$$y = (x - 3)^2 - 4$$

B

$$y = (x + 2)^2 - 9$$

C

$$y = (x - 3)^2 + 4$$

D

$$y = (x - 3)^2 - 25$$

E

$$y = (x + 1)^2 - 16$$

F

$$y = 2(x + 3)^2 - 2$$

G

$$y = (x + 2)^2 - 25$$

H

$$y = -(x + 4)^2 + 1$$

I

$$y = -3(x - 3)^2 + 3$$

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$$y = x^2 - 6x - 16$$



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



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



$$y = x^2 + 4x - 21$$



$$y = x^2 + 4x - 5$$



$$y = -3x^2 + 18x - 24$$



$$y = 2x^2 + 12x + 16$$



$$y = x^2 - 6x + 13$$



$$y = x^2 - 6x + 5$$

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1	Vertex	$(3, -4)$
	Axis of Symmetry	$x = 3$
	Solutions/Roots/Zeros/Intercept	$x = \{1, 5\}$
	Y-Intercept	$(0, 5)$

2	Vertex	$(-4, 1)$
	Axis of Symmetry	$x = -4$
	Solutions/Roots/Zeros/Intercept	$x = \{-5, -3\}$
	Y-Intercept	$(0, -15)$

3	Vertex	$(3, -25)$
	Axis of Symmetry	$x = 3$
	Solutions/Roots/Zeros/Intercept	$x = \{-2, 8\}$
	Y-Intercept	$(0, -16)$

4	Vertex	$(-3, -2)$
	Axis of Symmetry	$x = -3$
	Solutions/Roots/Zeros/Intercept	$x = \{-4, -2\}$
	Y-Intercept	$(0, 16)$

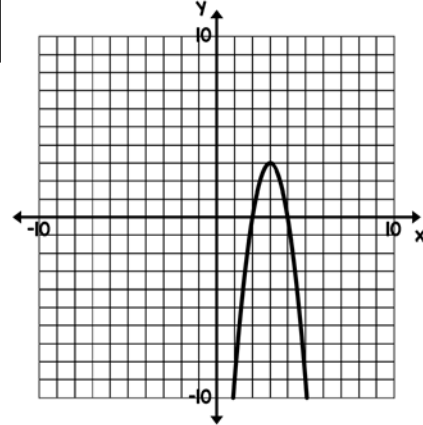
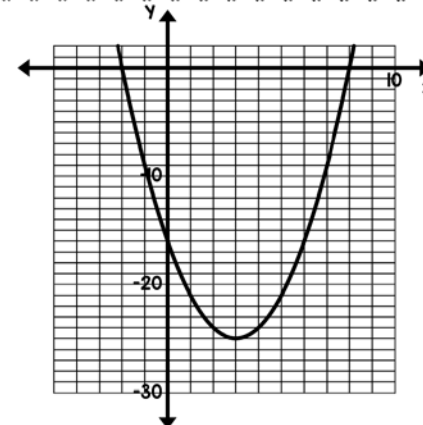
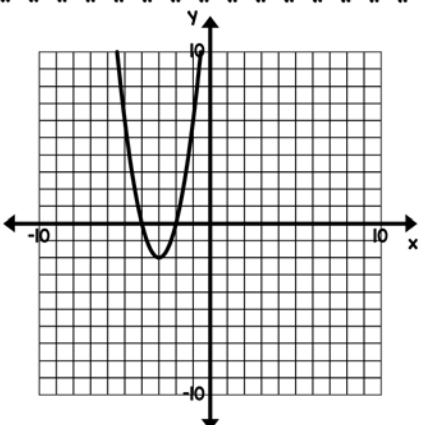
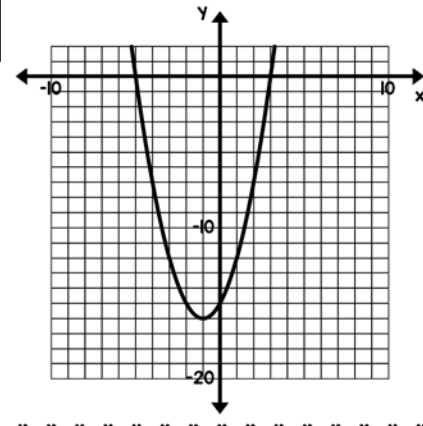
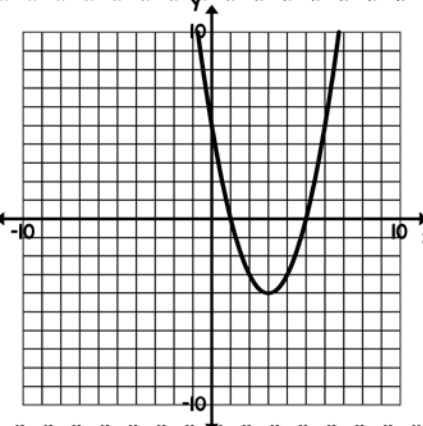
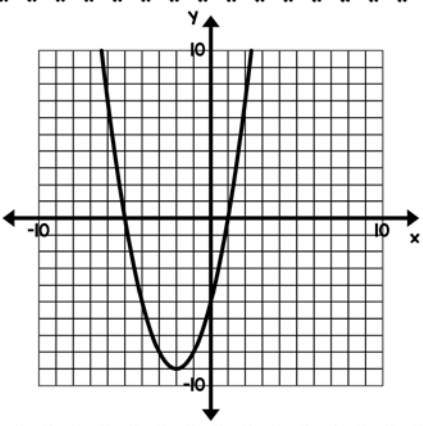
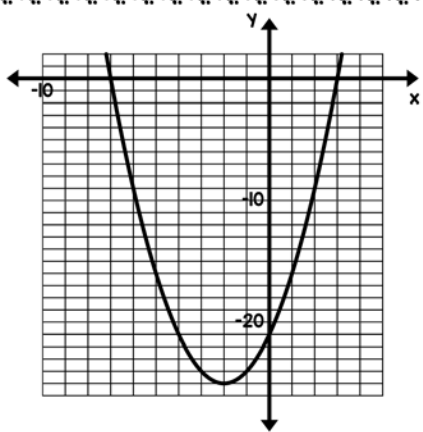
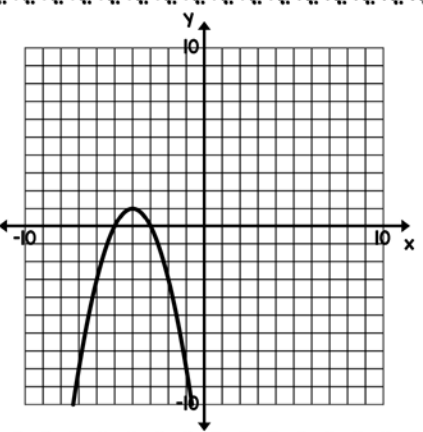
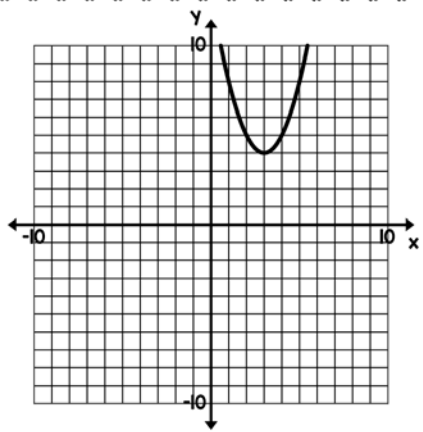
5	Vertex	$(3, 3)$
	Axis of Symmetry	$x = 3$
	Solutions/Roots/Zeros/Intercept	$x = \{2, 4\}$
	Y-Intercept	$(0, -24)$

6	Vertex	$(-2, -25)$
	Axis of Symmetry	$x = -2$
	Solutions/Roots/Zeros/Intercept	$x = \{-7, 3\}$
	Y-Intercept	$(0, -21)$

7	Vertex	$(-2, -9)$
	Axis of Symmetry	$x = -2$
	Solutions/Roots/Zeros/Intercept	$x = \{-5, 1\}$
	Y-Intercept	$(0, -5)$

8	Vertex	$(3, 4)$
	Axis of Symmetry	$x = 3$
	Solutions/Roots/Zeros/Intercept	$x = \text{No Solution}$
	Y-Intercept	$(0, 13)$

9	Vertex	$(-1, -16)$
	Axis of Symmetry	$x = -1$
	Solutions/Roots/Zeros/Intercept	$x = \{-5, 3\}$
	Y-Intercept	$(0, -15)$



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STUDENT RECORDING SHEET: QUADRATIC CARD MATCH
 DIRECTIONS: Fill in the missing symbols to complete each group.

	STANDARD FORM	VERTEX FORM	IDENTIFIED PARTS	GRAPH
GROUP 1				
GROUP 2		H		
GROUP 3			8	
GROUP 4				
GROUP 5				
GROUP 6		G		
GROUP 7			q	
GROUP 8				
GROUP 9				






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