

Quiz/Test DATE:

Today's Section:

Algebra I 100pt Daily Path to Success

Full Student Name:

1/2 5/6 7/8

Date:

Opening Checklist (15 points)

Initials

1. I had my math notes folder and daily papers ON MY DESK by the time class began.
2. I had been using a SHARPENED pencil by the time class began.
3. I had FINISHED copying the objective and had STARTED defining the Word of the Day by the time class began.

/5

/5

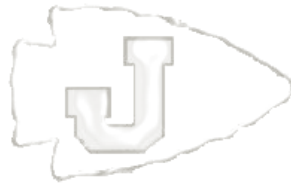
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Do Now (10 points) – Copy the Objective and define the Word of the Day.

Initials

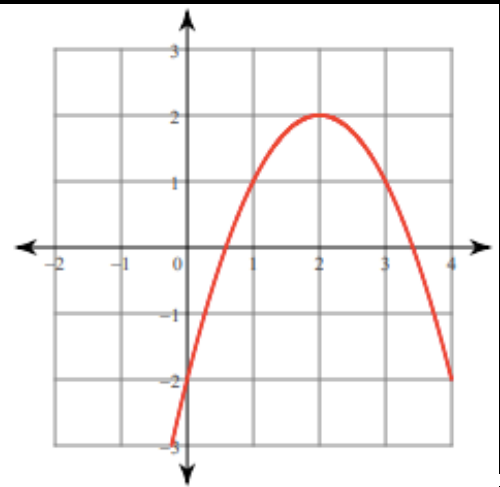
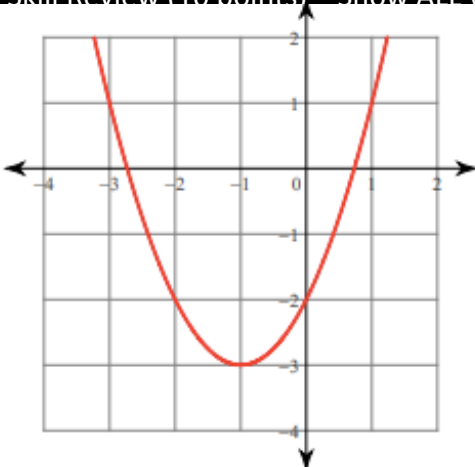
Obj:

Word of
the Day
& Defn:



/10

Skill Review (10 points) – Show ALL work necessary.



Notes/Activity (20 points)

Initials

Completed Notes Page/Activity

/10

Participated Productively & Earned the Appropriate Number of Teacher Checkmarks

/10

Exit Ticket (10 points) – Complete INDEPENDENTLY and SILENTLY.

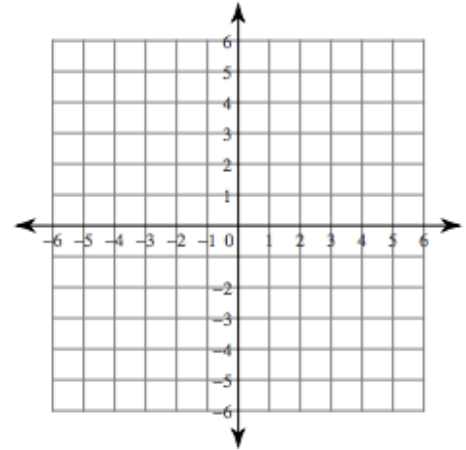
Initials

/10

Graph the parabola from the standard form quadratic equation. **Label the y-intercept.**

1) $f(x) = -x^2 - 4x - 3$

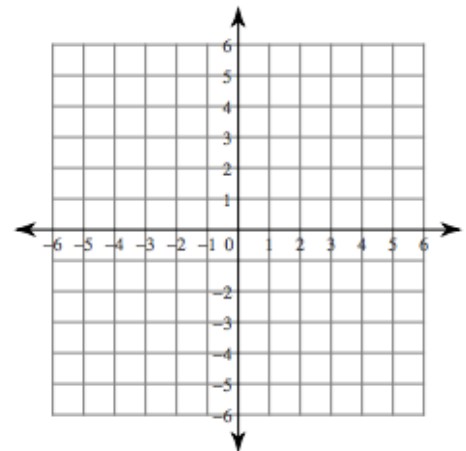
x		y	$f(x) = y$	(x, y)



Vertex Form:

2) $f(x) = 2x^2 - 4x - 2$

x		y	$f(x) = y$	(x, y)



Vertex Form:

Convert the standard form quadratic equation to vertex form.

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

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

5) $f(x) = -2x^2 - 8x - 5$

6) $f(x) = 2x^2 + 4x + 1$

Skill Review

Write the vertex form equation for the graph. Assume normal width.

Exit Ticket

$$f(x) = -3x^2 - 6x + 5$$

- 1) What is the vertex of the graph of $f(x)$?
- 2) What is the vertex form of the quadratic equation?