

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.

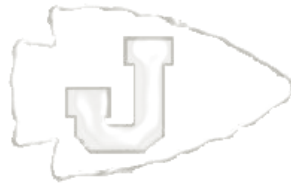
/5
/5
/5

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.

Initials

/10

Notes/Activity (20 points)

Initials

Completed Notes Page/Activity

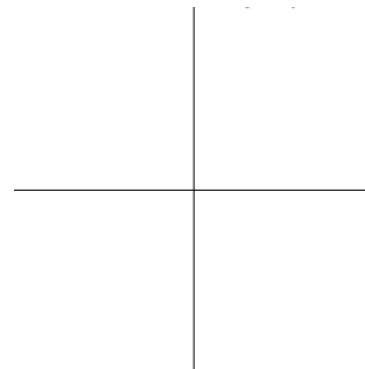
/10

Participated Productively & Earned the Appropriate Number of Teacher Checkmarks

/10

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

Initials

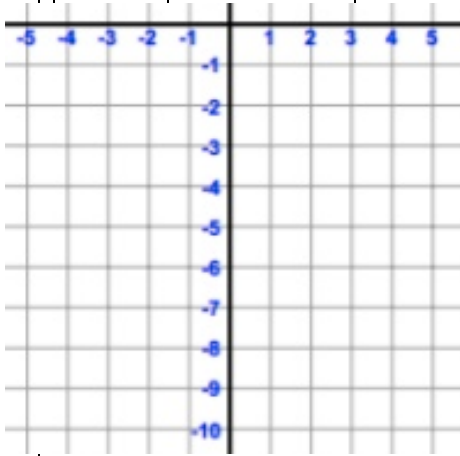


/10

Graph the parabola.

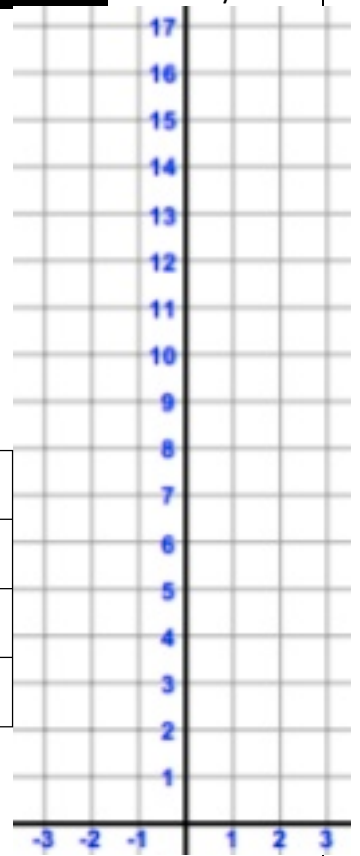
1) $y = -\frac{1}{2}x^2$

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



2) $y = 4x^2$

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



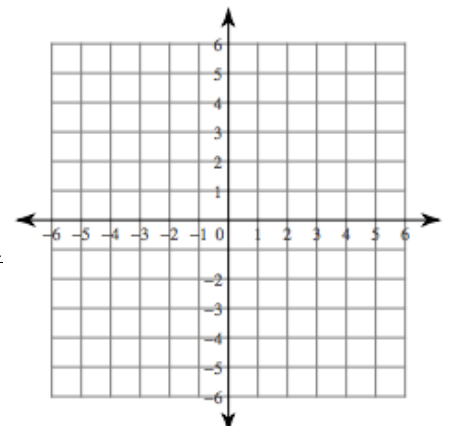
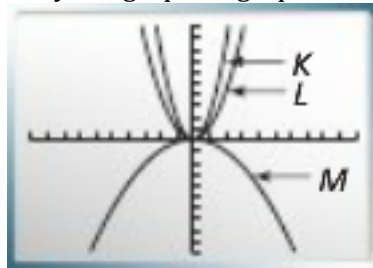
What is the order, from widest to narrowest, of the graphs of the functions? Tell the direction each graph opens.

3) $f(x) = -x^2$ $f(x) = 3x^2$ $f(x) = -\frac{1}{3}x^2$

4) $f(x) = -4x^2$ $f(x) = \frac{1}{4}x^2$ $f(x) = x^2$

Three graphs are shown at the right. Identify the graph or graphs that fit each description.

- 5) $a > 0$
- 6) $|a|$ has greatest value
- 7) $|a|$ has least value
- 8) $a < 0$



Sketch and label 2 graphs with the following descriptions on the same axes.

- 9) Opens upward and wider than the graph of $f(x) = x^2$
- 10) Opens downward and narrower than the graph of $f(x) = x^2$

Exit Ticket

Describe the width and opening direction of the graph of each function.

Sketch and label the graphs of the functions on the same graph.

1) $y = 5x^2$

2) $y = -\frac{1}{5}x^2$