

WARM UP



- 1. Solve by graphing $y = -(x + 2)^2 + 3$
- 2. Write the equation for the parabola in vertex form: $y = -2x^2 12x + 5$
- 3. Find the vertex and determine whether it's a max or min $y = -3x^2 + 12x + 4$
- 4. Write the polynomial in standard form with the following zeros x = 1, 3, 5



10





Objectives

• Review Quadratic and Polynomial Function Content

Homework

- Released test questions packet
 - Section I: 1, 5, 8, 13, 18, 25
 - Section II: none
 - Section III: 2, 3, 5, 6
- Any unfinished classwork problems









Schedule this week

Monday – Quadratics and Polynomials

Tuesday – Logs/Exponents and Statistics

Wednesday - Rational Functions

Thursday – Geometry

Friday – Trigonometry









Due today (as in right now)

Completed Skills Review Packet.

Do not give it to me if it is incomplete. You will receive a 0.

Each day late is a 10 point deduction.

This packet counts as ½ a unit test grade.









Due Friday

Math III Formula Book 10%

All warm-ups from this week 10%

All classwork from this week. 40%

Released test questions packet. 40%

Incomplete items result in a zero for that portion of this grade.

Will count as one unit test grade.









After School Blitz sessions this week

Monday	Logarithms	Davis Schmutz	2:30 – 3:30	Complete Logarithms assignment Add 7 points to Logarithms Unit Test
Tuesday	Statistics	Dixon Davis	2:30 – 3:30	Complete Statistics assignment Add 7 points to Statistics Unit Test
Wednesday	Rational Expressions	Dixon Schmutz	2:30 - 3:30	Replace lowest quiz grade with 100
Thursday	Geometry	Dixon Schmutz Davis	2:30 – 3:30	Complete Geometry assignment Add 7 points to Geometry Unit Test
Friday	Trig with the Unit Circle	Dixon Schmutz Davis	2:30 – 3:30	Complete Trigonometry assignment Add 7 points to Trigonometry Unit Test







Look at your progress report





GRADING SCALE

(Middle & High School Only)

A 100-93

B 92-85

C 84-77

D 76-70

F Below 70, Failing

F1 is where you stand right now.

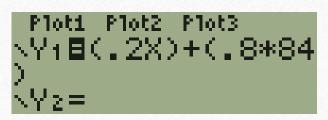
I will accept missing work until this Friday. Max score of 84.

Your final will count as 20% of your final grade.

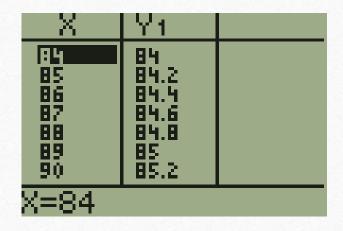






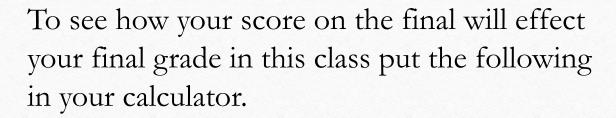


For example: F1=84



Which means: You must score 89 on the final to increase your grade in this class to 85.





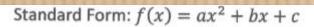
$$y = (.2x) + (.8 * F1)$$

Replace F1 with the grade on your progress report.

Now look at the table. The x value is your score on the final, y is your final grade in the class.







Find vertex by completing the square
move c to other side
add (b) to both sides then factor perfect square
Or short cut

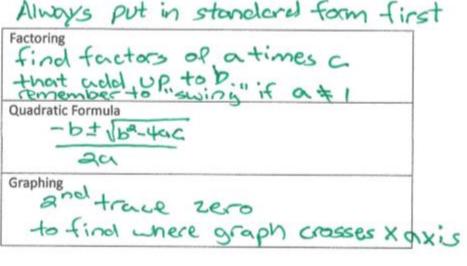
Vertex (-b) + (-b)

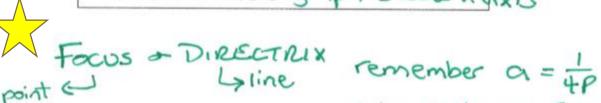
Vertex Form: $f(x) = a(x-h)^2 + k$

Vertex:	Opens up if:	- A-1011
(h, k)	ais	pasitive

The key is on my website

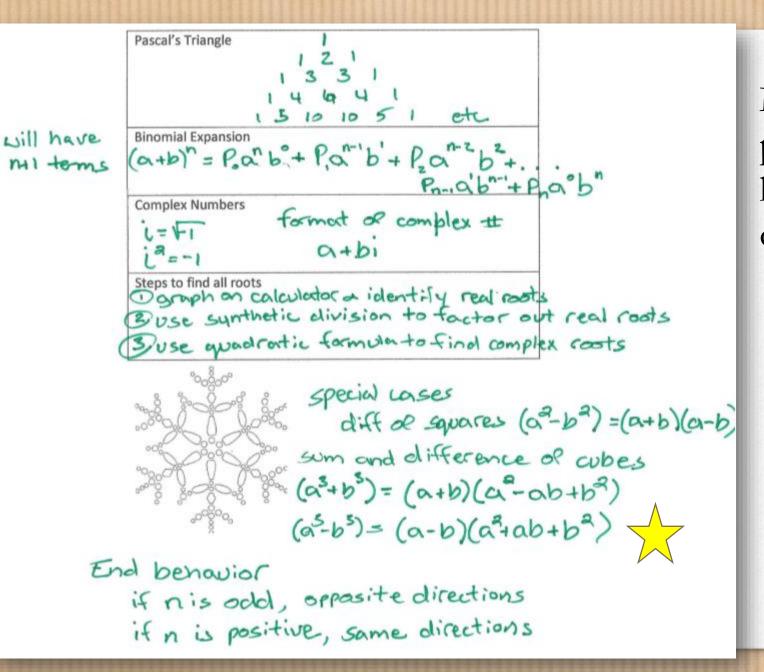
Make sure the <u>Quadratics</u> page of you formula book has the following items completed.





remember $a = \frac{1}{4P}$ P is distance from vertex to focus a vertex to directrix





Make sure the <u>Polynomials</u> page of you formula book has the following items completed.







Clear Memory	2nd + 7 12
Convert Decima	Values To Fraction
V	MATH I ENTER
Find Max and M	in ad
	ACE Z
Find y intercepts	FIND X = O IN THBLE
Reset graph view	ving window
Zoon	6 STANDARD
	THEN SET X -> MIN, MAX-SU

Make sure the

<u>Calculator</u> page of
your formula book
has the following
items completed.



