

Please hand in your remediation.

Interim is Wednesday

Handout Protractors and 4 slice of graph paper

Home: 57

Date: _____

Problems on last slide

<http://www.mathvizza.com>

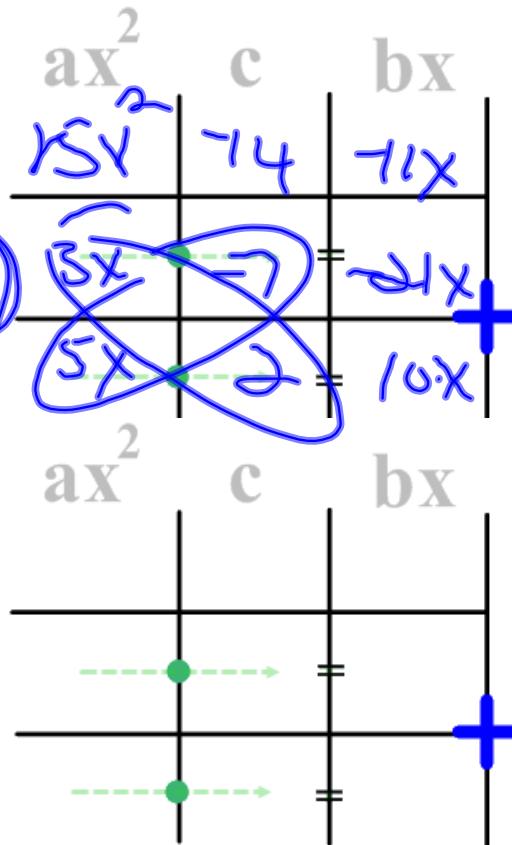
Bell Work

Directions: Please factor the following.



1. $15x^2 - 11x - 14$

$(3x+2)(5x-7)$



Objectives

1. The students will graph quadratic functions using the 5-point method.

5 point graphing method

1. Identify a, b, c $y = ax^2 + bx + c$

2. Compute/Graph the axis of symmetry and the vertex.

$$x = -\frac{b}{2a}$$

$$-\frac{b}{2a}, f\left(-\frac{b}{2a}\right)$$

3. Graph the y-intercept.

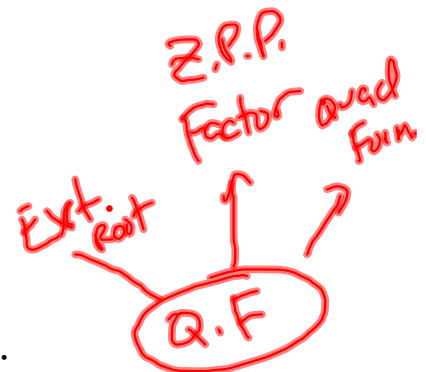
$$0, c$$

4. Graph the reflected y-intercept.

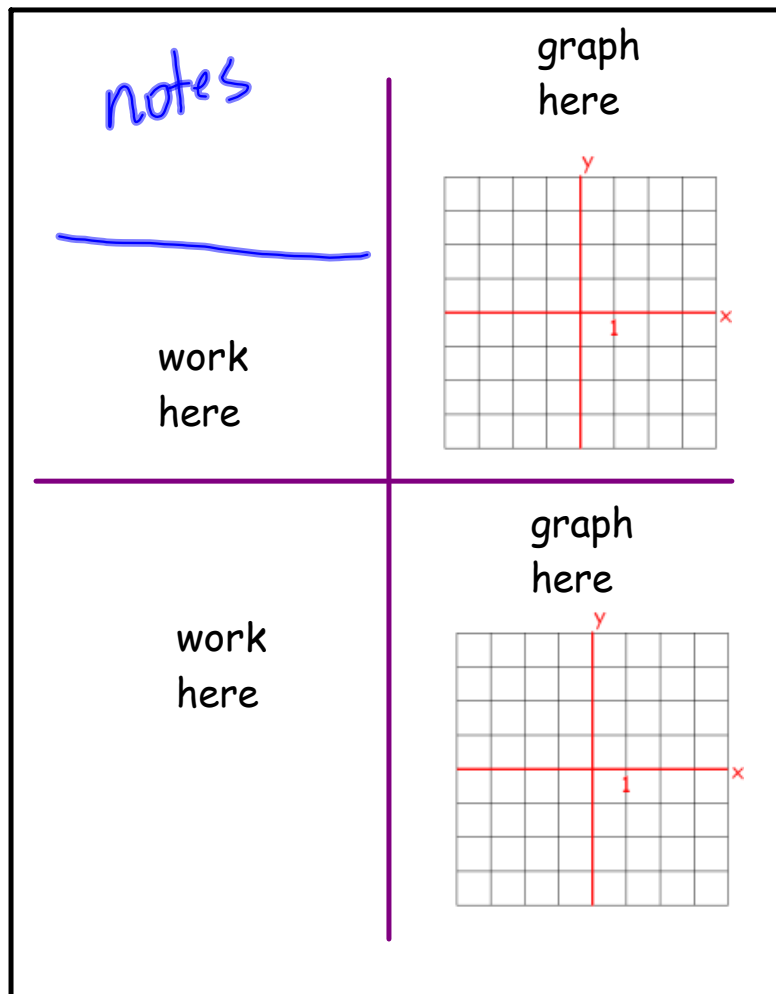
$$-c$$

5. Compute/Graph the zeros of the function.

set function = zero solve for x



Make a four fold out of your graph paper with 2 xy axes



Please graph using the 5 point method

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

$$y = -x^2 - 7x - 10$$

$$f(x) = x^2 - 9$$

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

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

$$f(x) = 4x^2 - 25$$

$$f(x) = (3x + 1)(x + 3)$$

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