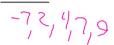
## Algebra 1 Bellwork Thursday, January 16, 2014

- 1. Given  $g(r) = -r^2 3r$
- a) Find  $g(5) = -(5)^2 3(5)$  b) Find g(-2) -25 15 = -402. Does this relation represent a function?

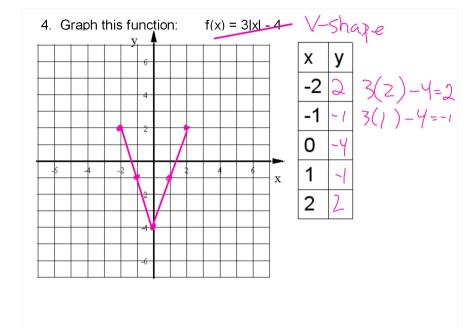
3. State the domain and range of the relation from Prob. 2 Domain:

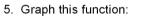


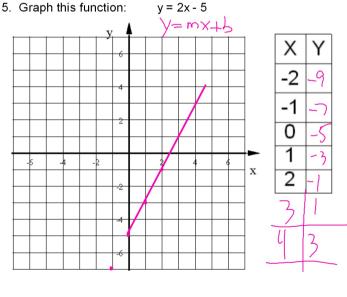


An equation with x inside | | symbols is called an Absolute Value Equation.

The graph is called a V-shape.







An equation with only x (no exponent) is called a Linear Equation.

The graph is called a Line

An equation with x<sup>2</sup> as the largest exponent is called a Quadratic Equation

The graph is called a Parabola

