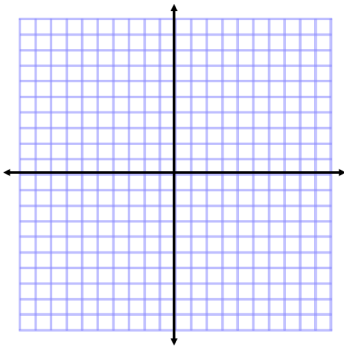




Sketch the following graphing and identify the domain and range:

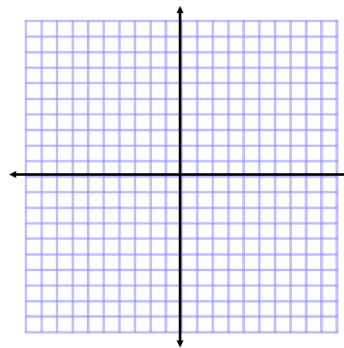
1.  $f(x) = |x - 5| - 4$



Domain: \_\_\_\_\_

Range: \_\_\_\_\_

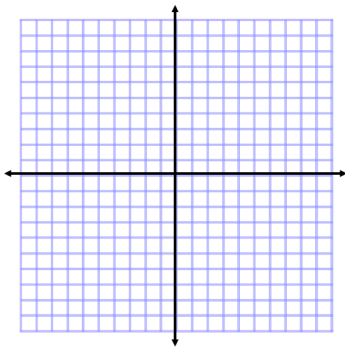
2.  $f(x) = -3x^2 + 7$



Domain: \_\_\_\_\_

Range: \_\_\_\_\_

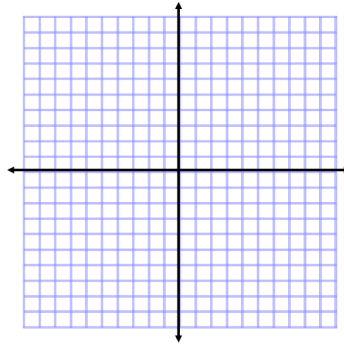
3.  $f(x) = \sqrt{x + 4} - 3$



Domain: \_\_\_\_\_

Range: \_\_\_\_\_

4.  $f(x) = -|x - 2| + 1$



Domain: \_\_\_\_\_

Range: \_\_\_\_\_

Thursday: Factor the following:

1.  $x^2 - 5x - 24$

2.  $9x^2 - 16$

3.  $12x^3 + 9x^2 + 4x + 3$

4.  $x^3 - 125$

5.  $2x^2 + 7x + 6$