

## 1.1 short

More on adding and subtracting  
polynomials

Calendar math September

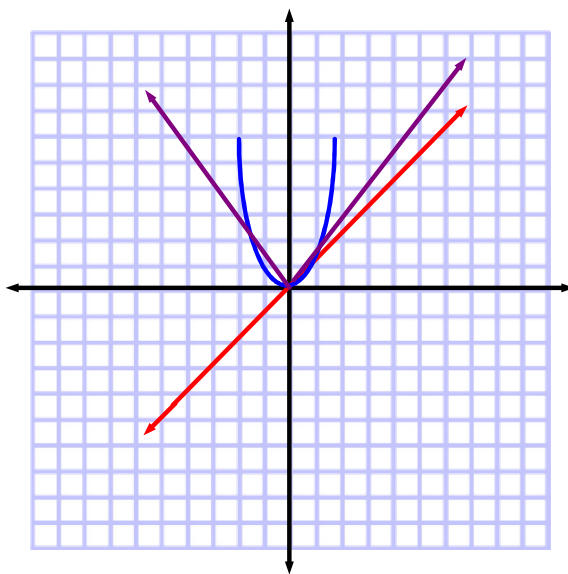
Transformations

Parent Functions: the basic function that is  
used to create more complex functions

Linear:  $y = x$

Quadratic:  $y = x^2$

Absolute Value:  $y = |x|$



Ex.  $2x^3 + 3x - 7$   
 LC 2      Constant 7

$$7r^2 + 3$$

constant 3

$$\begin{array}{r} \cancel{3x^2y} + 2x^2 + 4y - \cancel{1x^2y} \\ \hline 2x^2y + 2x^2 + 4y \end{array}$$

$$1. (2k^2 + 5 - 4k) - (4k + 3 + 4k^2)$$

$$\begin{array}{r} 2k^2 - 4k + 5 \\ -4k^2 - 4k - 3 \end{array}$$

$$\boxed{-2k^2 - 8k + 2}$$

