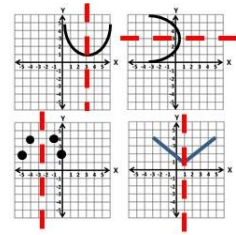


axis of symmetry



$$x = ?$$

binomial

Two terms

$$2x^2 + 5$$

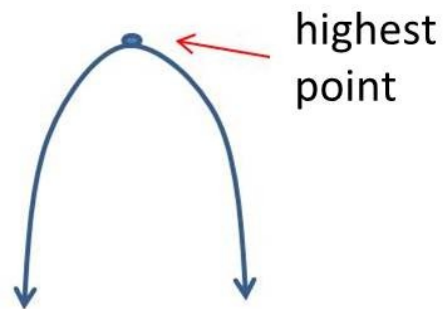
$$3a - 1$$

$$a^2b^3 + c^2$$

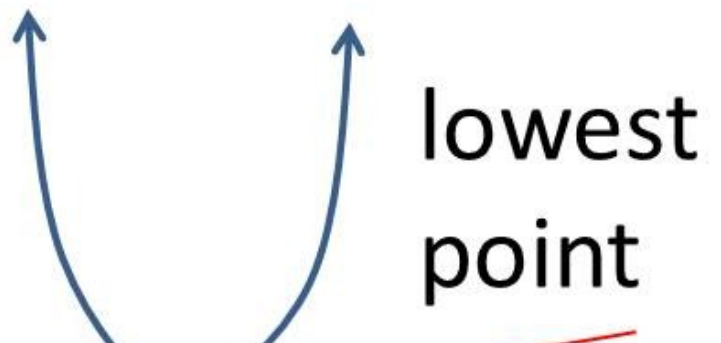
domain of parabola

all real numbers

maximum



minimum

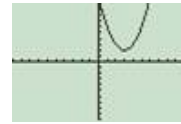


narrow parabola

$$y = 10x^2$$

large coefficient of X

parabola



the graph of a quadratic function

quadratic equation

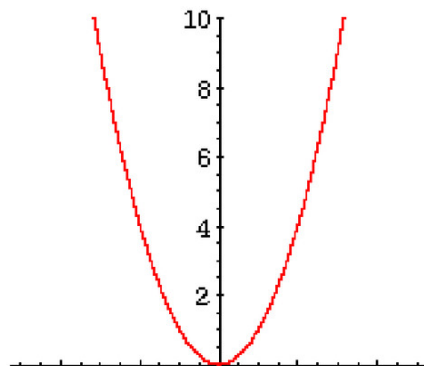
$$2x^2 + 3x + 1 =$$

an equation that contains  $x^2$

quadratic parent equation

$$y = x^2$$

quadratic parent graph



translate or shift

move up or down

trinomial

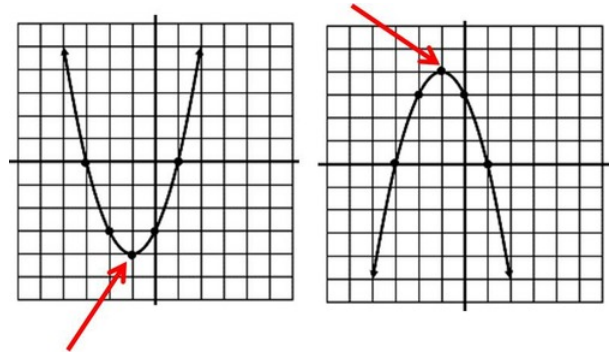
Three terms

$$2x^2 - 3x + 5$$

$$3a - 1b + c$$

$$a^2b^3 + c^2 - 3$$

vertex



wide parabola

$$y = \frac{1}{2} x^2$$

small coefficient of X