

~~Multis
Add
B~~

$$ax^2 + bx + c$$

Take out GCF

Binomials
* 2 terms

Difference of
Perfect Squares

Ex: $x^2 - 9$

$(x-3)(x+3)$

Trinomials
* 3 terms

LC $\neq 1$
* slip divide slip

LC = 1
* x-games

Ex $x^2 - 3x - 10$

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

$36x^2 - 12x - 3$
 $3(12x^2 - 4x - 1)$ ① GCF
 $3(x^2 - 4x - 12)$ ② slip
 $3(x-6)(x+2)$ ③ x-games
 $3(x - \frac{1}{12})(x + \frac{2}{12})$ ④ divide
 $3(x - \frac{1}{2})(x + \frac{1}{6})$ ⑤ slip

$3(2x-1)(6x+1)$