FACTORING

Factorial Flowchart

Common Factor?

2 terms?
Factor Squares or Cubes
- \( A^2 - B^2 = (A + B)(A - B) \)
- \( A^3 + B^3 = (A + B)(A^2 - AB + B^2) \)
- \( A^3 - B^3 = (A - B)(A^2 + AB + B^3) \)

3 terms?
Factor Trinomials
- \( ax^2 + bx + c = ( ) ( ) \)

4 terms?
Factor by Grouping