FACTORING TECHNIQUES
(Review)

COMMON FACTORS

$4x^5 + 12x^4 - 8x^3 =$

GROUPING

$12x^2 + 8ax - 15x -10a =$

QUADRATIC TRINOMIALS (Discriminate Test)

$x^2 + 4x - 12 =$

$6x^2 - 7x - 20 =$

DIFFERENCE OF SQUARES

$4x^2 - 25 =$

DIFFERENCE OF CUBES

$x^3 - 64 =$

SUM OF CUBES

$x^3 + 27 =$

HIGHER DEGREE POLYNOMIALS (WHICH WON'T GROUP)

$3x^3 - 2x^2 - 7x - 2 =$