

MATH 0482

Chapter 4.3 Factoring Trinomials

FACTORIZING  $x^2 + bx + c$

FACTOR  $x^2 + 12x + 20$ .

FACTOR  $x^2y^2 - 7xy + 12$ .

FACTOR  $x^2 - 4xy - 12y^2$ .

FACTOR  $a^2 + 10a - 24$ .

Factor  $x^4 + 6x^2 + 5$ .

Factor  $x^{2N} + 4x^N - 21$ .

Factoring  $ax^2 + bx + c$

Factor  $5x^2 + 16xy + 3y^2$ .

Factor  $18a^2b^2 - ab - 4$ .

FACTOR  $12y^3 - 26y^2 - 10y$ .

FACTOR  $-18x^6 - 69x^4 + 12x^2$

FACTORING  $ax^2 + bx + c$  : THE AC METHOD

2 TERMS : SUM IS  $b$  AND PRODUCT IS  $ac$

$18x^2 - 31x + 6$

$4x^2y^2 - 7xy - 15$