

1.2 Factoring Review

Ex 1 Matching!

Common Factor

$$a^2 - 2a - 3$$

Factor by Grouping

$$2m^2 - m - 3$$

Factor Simple Trinomials

$$16x^2 + 24x + 9$$

Factor Non-Simple Trinomials

$$ax^2 + ay + bx^2 + by$$

Factor Perfect Square Trinomial

$$4k^2 - 25$$

Factor Difference of Squares

$$15a^4b^2 - 5a^2b$$

Go over: The Factoring Algorithm

Ex 2 Factor Completely

- a. $5(m - n) + p(n - m)$
- b. $15xy - ab - ay + 5bx$
- c. $x^2 - 7x + 12$
- d. $2x^2 + 7x + 3$
- e. $y^2 - 10y + 25$
- f. $m^3 - 4m$
- g. $m^4 - 3m^2 - 4$
- h. $25m^2 - (m - 1)^2$

p.102#1-5