

Alg 1 Factoring Polynomials Example Set A
Factoring a monomial and general trinomials

Name:

Examples: Find a common factor and factor each expression completely.

A. $2x^2 + 6$

B. $x^2 - 5x$

C. $6x^2 + 15x - 3$

Now try these-

1. $4x + x^2$

2. $10x - 50$

3. $2x^3 + 5x^2$

Examples: Factor these trinomials as a product of linear factors.
Verify your answer by using the FOIL pattern.

D. $x^2 + 5x + 6$

E. $x^2 + 2x - 3$

F. $x^2 - 13x + 36$

Now try these-

4. $x^2 - 7x + 10$

5. $x^2 + 14x + 45$

6. $x^2 - x - 6$

Alg 1 Factoring Polynomials Practice Set A**Name:****Factor each expression completely.**

1. $x^2 + 8x + 12$

2. $x^2 + 2x - 15$

3. $x^2 + 2x$

4. $x^2 - 15x + 54$

5. $x^2 - 3x - 70$

6. $8x^2 - 12$

7. $6x^3 + 3x^2$

8. $x^2 + 16x + 48$

9. $3x^2 + 6x + 9$

10. $x^2 + 4x - 32$

