Beginning Algebra ~ Lesson 34
Work the following examples as you listen to the recorded lecture.

Factoring Binomials (Squares)

Remember:
1. Signs for Squares Binomials are always "one of each."
2. Sum of Squares problems will not factor.

Example 1: $x^2 + 16$	Step 1: Set signs for the factors.
( ) ( )	Step 2: Factor the variable squares.
	Step 3: FOIL to check.

Example 2: $x^2 - 16$	Step 1: Set signs for the factors.
( ) ( )	Step 2: Factor the variable squares.
	Step 3: FOIL to check.

Example 3: $x^2 y^2 - 1$	Step 1: Set signs for the factors.
( ) ( )	Step 2: Factor the variable squares.
	Step 3: FOIL to check.