

MAT0028 ~ Lesson 36

Work the following examples as you listen to the recorded lecture.

Solving Quadratic Equations by Factoring

Example 1: $(x - 6)(x + 7) = 0$

Example 2: $3x(x - 8) = 0$

Example 3: $(2x - 7)(7x + 2) = 0$

Example 4: $\left(x - \frac{1}{2}\right)\left(x + \frac{1}{3}\right) = 0$

Example 5: $x^2 + 2x - 8 = 0$

Example 6: $x^2 - 4x = 0$

Example 7: $x^2 - 4x = 32$

Example 8: $24x^2 + 44x = 8$