Module 13   Solving Quadratic Equations
of One Variable
Lesson 1   Defining Quadratic Equations
of One Variable

Set 1

1. Determine whether the equation $5x^3 + 8x + 10 = 0$ is a quadratic equation, a linear equation, or neither.

_____

2. Determine whether the equation $10 = -5w^2$ is quadratic, linear, or neither.

_____

3. Determine whether the equation $9(2m - m^2) + 1 = 5$ is a quadratic equation, a linear equation, or neither.

_____

4. Is the equation $(x - 3)^2 = x^2$ quadratic, linear, or neither?

_____

UDM13L01BLM/AK_61519 8/22/03 5:25 PM Page 144   (Black plate)