

NAME \_\_\_\_\_

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



guided  
practice

**Set 1**

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

**Neither**

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

**Quadratic**

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

**Quadratic**

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

**Linear**

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