NAME

Module 13 Solving Quadratic Equations
of One Variable
Lesson 6 Solving Problems Using Quadratic
Equations of One Variable

guided
practice

Set 1

1. A rectangular computer memory board has an area of 44 square inches. The
length of the memory board is three inches more than twice its width. What are
the dimensions of the memory board?

2. The height of a ball is given by the equation $h = -16t^2 + 20t + 6$, where h is
the height in feet and t is the time in seconds. Use the equation to determine how
long the ball is in the air.

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