Name _____ Date _____

Master 1.24

Extra Practice 1

Lesson 1.1: Square Numbers and Area Models

1. Find the area of a square with each side length.
a) 7 units **b)** 11 units

2. Show that 16 is a square number.
Use a diagram, symbols, and words.

3. Which of these numbers is a perfect square?
How do you know?
a) 14 **b)** 60 **c)** 36

4. These numbers are not square numbers.
Which two consecutive square numbers is each number between?
a) 7 **b)** 30 **c)** 50 **d)** 90

5. I am a two-digit square number. The sum of my digits is 13.
What square number am I?

6. A square patio has area 225 m^2.
a) Find the dimensions of the patio.
b) The owner wants to put lights around the patio.
How many metres of lighting is needed?
c) Each string of lights is 25 m long.
How many strings of lights are needed?

The right to reproduce or modify this page is restricted to purchasing schools.
This page may have been modified from its original. Copyright © 2008 Pearson Education Canada