Mid-Module 2 Study Guide

1. Multiply using the area model or the standard algorithm. Show your work below.

623 x 54=_____

6.73 x 54=_____

2. Solve. Use words, numbers, or pictures to explain how your answers to Parts (a) and (b) are related or similar

a. $40 \times 35 =$ _____ b. $40 \times 3.5 = 40 \times$ _____ tenths = _____

The length of the boogie board is 56 centimeters. The surfboard is 4 times the length of the boogie board. What is the length of the surfboard in meters? (1 m = 100 cm)

Name: _____

Test Date: _____

4. Susan makes aprons to sell at the craft fair. Each apron requires 5.6 yards of material. At the fabric store, material is sold by the foot. If Susan wants to make 82 aprons how many **feet** of material must she buy? (1 yd. = 3 ft.) Show all your work.

<u>Level 4</u> Show all of your work.

1. Jeremiah's car gets 34.8 miles per gallon on the highway. If his fuel tank holds 8.25 gallons, then how far can he travel on one full tank of gas? (PS2.LT1)

2. Becca's dog weighs 3,560 grams. How many kilograms does her dog weigh? If 1 kg is equal to 2.21 lbs, how much would the dog weigh in pounds? (PS5.LT3)