Name:	Key	_

Test Date: \_\_\_\_\_

## Mid-Module 2 Study Guide

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

below.	1221	地
623 × 54= 33, 642	6.23 × 504= 3139.92 × 504	
600 + 20 + 3	600 + 20 + 3 hundredtes 2492	
4 2400 80 12 = 2492 X 54	1 2112 500 100 21102 211 600	h <sub>4</sub> h
\$ 30000 1000 150 31150 2492 33642 31150	0 / 3139.	92
2400 30000 33,642	500 30000 10000 1500 = 311500	
2 Solve Use words numbers or nictures t	313,992 humducht 313,992 humducht 3139.92	- 49

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

a. 
$$40 \times 35 = 1400$$

$$40$$

$$\frac{\cancel{x}35}{\cancel{200}}$$

$$\cancel{1100}$$

b. 
$$40 \times 3.5 = 40 \times 35$$
 tenths = 140  
40 The part b is  
 $\times 35$  tenths one tenth the

200
1200
1400 tenths=:10

= 140.0

The size of 35.

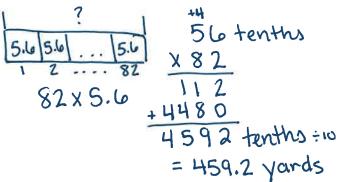
3. The length of the boogie board is 56 centimeters. The surfboard is 4 times the length of the boogie board. What is the length of the surfboard in meters? (1 m = 100 cm)

56 cm × 4 224 cm

Name:
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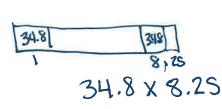
Test Date:		

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 Susan needs to buy 1378 ft. of material. all your work.



Level 4 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? Jeremiah can travel <u>287.1</u> miles. (PS2.LT1)



2. Becca's dog weighs 3,560 grams. How many kilograms does her doa weigh? If 1 kg is equal to 2.21 lbs, how much would the dog weigh in pounds? (PSS.LT3) Becca's dog would weigh 3.56 kg and 7.867618

$$3.56 \times 2.21 =$$
 $356$  hundredths
 $\times 221$  hundredths
 $356$ 
 $7120$ 
 $71200$ 
 $78676$   $740$ 
 $78676$   $740$ 
 $78676$   $740$