Name _____

Date _____

1. Estimate, and then solve using the standard algorithm. You may draw an area model if it helps you.

a. 1.21 × 14 ≈ _____ × ____ = ____

b. 2.45 × 305 ≈ _____ × ____ = ____

- 2. Estimate, and then solve using the standard algorithm. Use a separate sheet to draw the area model if it helps you.
 - a. 1.23 × 12

c. 0.23 × 14

d. 0.45 × 26

f. 6.32 × 223

g. 7.06 × 208

h. 151.46 × 555

3. Denise walks on the beach every afternoon. In the month of July she walked 3.45 miles each day. How far did Denise walk during the month of July?

4. A gallon of gas costs \$4.34. Greg puts 12 gallons of gas in his car. He has a 50-dollar bill. Tell how much money Greg will have left, or how much more money he will need. Show all your calculations.

5. Seth drinks a glass of orange juice every day that contains 0.6 grams of Vitamin C. He eats a serving of strawberries for snack after school every day that contains 0.35 grams of Vitamin C. How many grams of Vitamin C does Seth consume in 3 weeks?

Name _____

Date _____

Find the product using the standard algorithm.

a. 3.03 × 402

b. 667 × 1.25

| Name | Da | te |
|------|----|----|
| | | |

1. Estimate, and then solve using the standard algorithm. You may draw an area model if it helps you.

| a. | 24 × 2.31 ≈ . | _×_ | . = . | | | | | | |
|----|---------------|---------|-----------|--|--|---|----|-----|---|
| | | | | | | | 2. | 31 | L |
| | | | | | | 2 | × | 2 4 | 1 |

b. 5.42 × 305 ≈ _____ × ____ = ____

| | 5. | 4 | 2 |
|---|----|---|---|
| × | 3 | 0 | 5 |

2. Estimate, and then solve using the standard algorithm. Use a separate sheet to draw the area model if it helps you.

a. 1.23 × 21 b. 3.2 × 41

c. 0.32 × 41

d. 0.54 × 62

e. 6.09 × 28 f. 6.83 × 683

g. 6.09 × 208 h. 171.76 × 555

3. Eric walks 2.75 miles to and from work every day for an entire year. How many miles did he walk?

4. Art galleries often price paintings by the square inch. If a painting measures 22.5 inches by 34 inches and costs \$4.15 per square inch, what is the selling price for the painting?

5. Gerry spends \$1.25 each day on lunch at school. On Fridays she buys an extra snack for \$0.55. How much money will she spend in two weeks?