Name _____

Date _____

1. Estimate the product. Solve using the standard algorithm. Use the thought bubbles to show your thinking. (Draw an area model on a separate sheet if it helps you.)

a. 2.42 × 12 ≈ _____ × ____ = ____

2.42 × 12 =_____

2. Solve using the standard algorithm.

a. 2.03 × 13

b. 53.16 × 34

c. 371.23 × 53

d. 1.57 × 432



Lesson 11:

Multiply decimal fractions by multi-digit whole numbers through conversion to a whole number problem and reasoning about the placement of the decimal.



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(cc) BY-NC-SA Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. 3. A slice of pizza costs \$1.57. How much will 27 slices cost?

- 5. A spool of ribbon holds 6.75 meters. A craft club buys 21 spools.
 - a. What is the total cost if the ribbon sells for \$2 per meter?

b. If the club uses 76.54 meters to complete a project, how much ribbon will be left?



Multiply decimal fractions by multi-digit whole numbers through conversion to a whole number problem and reasoning about the placement of the decimal.



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