

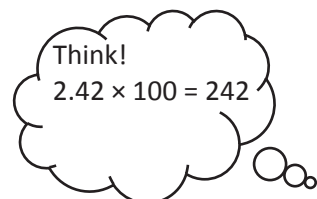
Name _____

Date _____

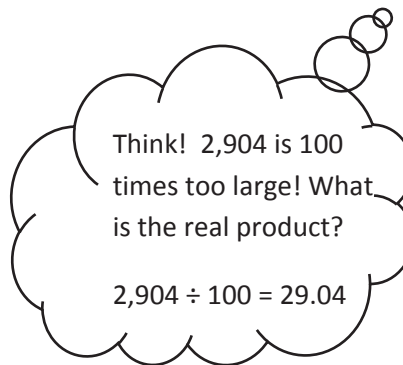
1. Estimate the product. Solve using the standard algorithm. Use the thought bubbles to show your thinking. (Draw an area model on a separate sheet if it helps you.)

a. $2.42 \times 12 \approx$ _____ \times _____ $=$ _____

$2.42 \times 12 =$ _____



$$\begin{array}{r} 2.42 \\ \times 12 \\ \hline \end{array}$$

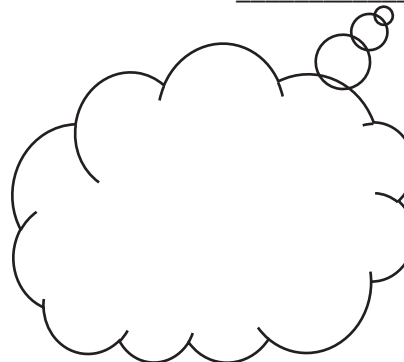


b. $4.13 \times 37 \approx$ _____ \times _____ $=$ _____

$4.13 \times 37 =$ _____



$$\begin{array}{r} 4.13 \\ \times 37 \\ \hline \end{array}$$



2. Solve using the standard algorithm.

a. 2.03×13

b. 53.16×34

c. 371.23×53

d. 1.57×432

3. Use the whole number product and place value reasoning to place the decimal point in the second product. Explain how you know.

a. If $36 \times 134 = 4,824$ then $36 \times 1.34 =$ _____

b. If $84 \times 2,674 = 224,616$ then $84 \times 26.74 =$ _____

c. $19 \times 3,211 = 61,009$ then $321.1 \times 19 =$ _____

4. 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.
- What is the total cost if the ribbon sells for \$2 per meter?
 - If the club uses 76.54 meters to complete a project, how much ribbon will be left?