

Math 7 - Unit 1b

Day 4a - Multiplying Rational Numbers

Lesson Objectives:

- I can multiply positive and negative decimals.

Multiply decimals just like you multiply whole numbers. The number of decimal places in the product is equal to the sum of the number of decimal places in the factors.

$$\begin{array}{r}
 421 \\
 \times 0.6 \\
 \hline
 2526
 \end{array}
 \quad
 \begin{array}{r}
 0.038 \\
 \times 0.17 \\
 \hline
 266 \\
 + 380 \\
 \hline
 0.00646
 \end{array}
 \quad
 \begin{array}{r}
 6.16 \\
 \times 47 \\
 \hline
 4312 \\
 + 24640 \\
 \hline
 289.52
 \end{array}$$

$$\begin{array}{r}
 26(-0.05) \\
 \times 0.05 \\
 \hline
 -1.30 \\
 \hline
 -1.3
 \end{array}
 \quad
 \begin{array}{r}
 12.2 \\
 \times 0.06 \\
 \hline
 0.732
 \end{array}
 \quad
 \begin{array}{r}
 2.12 \\
 \times 0.007 \\
 \hline
 1484
 \end{array}$$

Shop Till You Drop

You must spend as close to \$30 as possible without going over. Please purchase at least one of each item. If you want more than one, show your work in the space provided, to get the total cost. You may use another sheet of scratch paper if needed.



[Click here to show prices.](#)

Homework

Multiplying Decimals WKS

* Individual Think Time *



What to do if you get stuck...

- Reread the problem. Did you write it down correctly?
- Reread your notes. Is there a problem similar that we did together in class?
- Find a problem similar in your book. Try this one to see if it helps.
- Skip the problem until the end of Individual Think Time. Then ask an "educated" question of a neighbor or Mrs. Call.

Today we're working by...

