Mathematics

Multiplying Decimals



To multiply decimals:

1. Line the numbers up on the right. (You do not need to line up the decimal points!)
2. Multiply with the same routine you use with whole numbers.
3. Add up how many decimal places are in each number.
4. Start at the right of your answer and move the number of places equal to the sum of decimal places.

Example:

$$\begin{array}{r} 7.41 \\ \times\ 8.2 \\ \hline 1482 \\ +\ 59280 \\ \hline 60.762 \end{array}$$

Instructions: Use a clean sheet of paper in your math notebook to set up each problem. Solve to find the products. Be sure to include decimal points in your answers

a) 4 x 0.7 =

b) 9.5 x 7 =

c) 2.54 x 3 =

d) 25 x 0.3 =

e) 32 x 0.04 =

f) 5.4 x 3.6 =

LIVEWORKSHEETS