

Decimal Review

Adding and Subtracting Decimals – line up the decimal points before completing the operation

Example:

$$\begin{array}{r} 4.26 \\ + 3.25 \\ \hline 7.51 \end{array}$$

Multiplying Decimals – multiply the numbers like you would with whole numbers, then add the decimal to the product

$$\begin{array}{r} 4.6 \\ \times 3.5 \\ \hline 230 \\ + 380 \\ \hline \end{array}$$

16.10 count the numbers of numbers behind the decimal in the problem & that's how many should be in the answer

Dividing Decimals

- By a whole number

Handwritten long division showing $5 \overline{)6.95}$. The quotient is 1.39. The steps are: 5 goes into 6 one time (5), leaving a remainder of 19. 5 goes into 19 three times (15), leaving a remainder of 45. 5 goes into 45 nine times (45), leaving a remainder of 0.

- by a decimal

Handwritten long division showing $0.5 \overline{)6.95}$. The quotient is 13.9. The steps are: 0.5 goes into 6.95 thirteen times (6.75), leaving a remainder of 20. 0.5 goes into 20 four times (20), leaving a remainder of 0.

