

# Dividing $\div$ $\div$ Decimals

Step 1: Move the decimal to the right (as many times as necessary) to make the divisor a whole number.

$$48.40 \div .02$$

$$\swarrow$$
$$\underline{.02} = 2$$

Step 2: Move the decimal in the dividend the same number of times you moved it in the divisor.

$$\underline{.02} = 2$$
$$48.40 = 4,840$$

Step 3: Place the decimal into the quotient directly above the moved decimal point in the dividend.

$$2 \overline{)4840.}$$

Step 4: Divide.

$$\begin{array}{r} 2420. \\ 2 \overline{)4840.} \\ \underline{4} \phantom{00} \\ 8 \phantom{00} \\ \underline{8} \phantom{00} \\ 0 \phantom{00} \\ \underline{0} \\ 0 \end{array}$$

Answer:  
2420