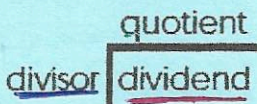


standard algorithm for dividing decimals

**Step 1**

- a. Identify the divisor and the dividend.
- b. Write them in long division format.



- c. Move the decimal point to make the divisor a whole number.
- d. Move the decimal point in the dividend the same # of places.

$$\underline{1.716} \div \underline{0.52}$$

$$0.52 \overline{) 1.716}$$

$$\underline{6.643} \div \underline{7.3}$$

$$7.3 \overline{) 6.643}$$

$$\underline{23.36} \div \underline{3.2}$$

$$3.2 \overline{) 23.36}$$

**Step 2**

- Place the decimal point in the quotient.

1. Divide.
2. Multiply.
3. Subtract.
4. Bring down.
5. Repeat.

$$\begin{array}{r}
 007.3 \\
 3.2 \overline{) 23.36} \\
 \underline{-224} \downarrow \\
 96 \\
 \underline{-96} \\
 0
 \end{array}$$