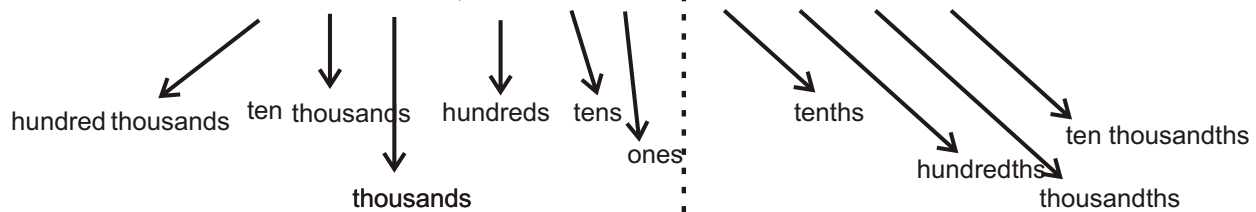


**PLACE VALUE****123,456.2345**

Numbers after the decimal are just another way to express a fraction or a whole..

To express a decimal as a fraction, you will have to know your place values after the decimal. Start after the decimal and go right. Your first place value after the decimal is tenths. To express a decimal as a fraction, simply write the number after the decimal for the numerator. For the denominator, write whatever the place value is of the last digit of the number.

Example  $1,256.653 = 1,256 \frac{653}{1,000}$

$$\begin{array}{r} 45.6 \\ \times 2 \\ \hline 91.2 \end{array} = 91\frac{2}{10} = 91\frac{1}{5}$$

Directions: For each number, write the number for the fraction equivalent. Express answers in simplest form.

1)  $3,457.23 =$

2)  $2345.345 =$

3)  $4,792.1 =$

4)  $342.1243 =$

5)  $789.28 =$

6)  $39.857 =$

7)  $123.45 =$

8)  $904.55 =$

9)  $2.36 =$

10)  $498.318 =$

11)  $293.45 =$

12)  $805.90 =$

Directions: Solve the following multiplication problems and then **express your answer as a fraction or mixed number in lowest terms.**

13) 
$$\begin{array}{r} 345.23 \\ \times 23 \\ \hline \end{array}$$

14) 
$$\begin{array}{r} 56.8 \\ \times 3 \\ \hline \end{array}$$

15) 
$$\begin{array}{r} 346.23 \\ \times 6.6 \\ \hline \end{array}$$

16) 
$$\begin{array}{r} 2,103 \\ \times 35 \\ \hline \end{array}$$

17) 
$$\begin{array}{r} 290.35 \\ \times 3.1 \\ \hline \end{array}$$

18) 
$$\begin{array}{r} 1,433.42 \\ \times 123 \\ \hline \end{array}$$

19) 
$$\begin{array}{r} 349.29 \\ \times 9.2 \\ \hline \end{array}$$

20) 
$$\begin{array}{r} 98.34 \\ \times 6.4 \\ \hline \end{array}$$