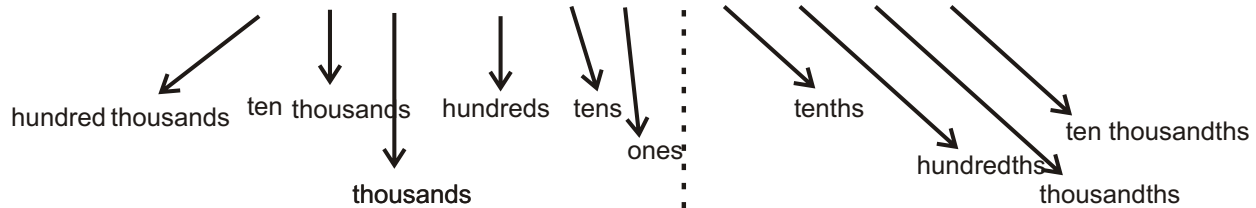


**PLACE VALUE****123,456.2345**

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)  $3,457.23 =$

$3,457 \frac{23}{100}$

2)  $2345.345 =$

$2,345 \frac{69}{200}$

3)  $4,792.1 =$

$4,792 \frac{1}{10}$

4)  $342.1243 =$

$342 \frac{1,243}{10,000}$

5)  $789.28 =$

$789 \frac{7}{25}$

6)  $39.857 =$

$39 \frac{857}{1,000}$

7)  $123.45 =$

$123 \frac{9}{20}$

8)  $904.55 =$

$904 \frac{11}{20}$

9)  $2.36 =$

$2 \frac{9}{25}$

10)  $498.318 =$

$498 \frac{159}{500}$

11)  $293.45 =$

$293 \frac{9}{20}$

12)  $805.90 =$

$805 \frac{9}{10}$

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

13)  $345.23$

$$\begin{array}{r} 345.23 \\ \times 23 \\ \hline 7,940 \frac{29}{100} \end{array}$$

14)  $56.8$

$$\begin{array}{r} 56.8 \\ \times 3 \\ \hline 170 \frac{2}{5} \end{array}$$

15)  $346.23$

$$\begin{array}{r} 346.23 \\ \times 6.6 \\ \hline 2,285 \frac{59}{500} \end{array}$$

16)  $2,103$

$$\begin{array}{r} 2,103 \\ \times 35 \\ \hline 73,605 \end{array}$$

17)  $290.35$

$$\begin{array}{r} 290.35 \\ \times 3.1 \\ \hline 900 \frac{17}{200} \end{array}$$

18)  $1,433.42$

$$\begin{array}{r} 1,433.42 \\ \times 123 \\ \hline 176,310 \frac{33}{50} \end{array}$$

19)  $349.29$

$$\begin{array}{r} 349.29 \\ \times 9.2 \\ \hline 3,213 \frac{249}{500} \end{array}$$

20)  $98.34$

$$\begin{array}{r} 98.34 \\ \times 6.4 \\ \hline 629 \frac{47}{125} \end{array}$$