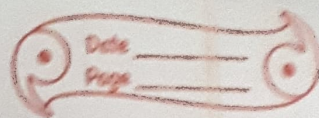


Ch-10

Worksheet



1. Fill in the blanks:

(a) A decimal fraction is a fraction whose denominator is Ten (10) or multiple of Ten (10).

(b) $\frac{133}{10}$ can be written as 13.3 in decimal.

(c) In 1265.356 , .356 is the decimal part.

(d) A decimal point separates a whole no. ~~no.~~ from a decimal fraction.

(e) If 2 decimal fraction have unequal no. of decimal places, they are called unlike decimal.

fraction.

(f) Rounding off 9.563 to the nearest hundredths, we get 9.560.

(g) Two $\frac{1}{100}$ is the no. name for ~~0.02~~ $\frac{2}{100}$.

(h) When multiplying a decimal no. by 100 the decimal point will move to two places right.

(i) $0.3269 \times 1000 = \cancel{326.9} 000$

(j) If $245 \times 21 = 5145$, the $24.5 \times 21 =$
~~514.5~~ 514.5.

(k) $12.02 < 20.12 < 21.21$

(l) ~~1000~~ $+ 200 + 50 + 3 + 0.200 +$

$0.030 + 0.006$

(c) $\frac{17}{25}$

$$\begin{array}{r} 25 \overline{) 17.00} \\ \underline{150} \\ 200 \\ \underline{200} \\ 0 \end{array}$$

Answer = 0.68

(d) $56.20 > 36.23 > 36.02$

(e) $\frac{923}{100}$

(f) $\frac{10.1}{100.01}$
 $\frac{11.11}{101.011}$
 $\frac{222.231}{222.231}$

$$\begin{array}{r}
 1999.910 \\
 1200.00 \\
 - 1050.36 \\
 \hline
 149.64
 \end{array}$$

$$\begin{aligned}
 (c) \quad & 2000 - 236.45 - 589.963 + 0.3659 \\
 & = 2000 + 0.3659 - 236.45 - 589.963 \\
 & = 2000.3659 - 826.413
 \end{aligned}$$

$$\begin{array}{r}
 1999.13 \\
 2000.3659 \\
 - 826.4130 \\
 \hline
 1173.9529
 \end{array}$$

$$(d) \quad \cancel{3.456} \quad 3.456 \times 3.65$$

$$\begin{array}{r}
 \cancel{3.456} \\
 \times 3.65 \\
 \hline
 207360 \\
 1036800 \\
 \hline
 1261440
 \end{array}$$

$$\text{Answer} = 1261440$$

$$(e) \quad 51.2 \div 5000$$

$$51.2 \overline{) 5000}$$

$$= \frac{512}{10} \div 5000$$

$$= \frac{512}{10} \times \frac{1}{5000} = \frac{512}{50000}$$

$$\begin{array}{r}
 50000 \overline{) 51200} \\
 - 50000 \\
 \hline
 120000 \\
 - 100000 \\
 \hline
 200000 \\
 - 200000 \\
 \hline
 0
 \end{array}$$

$$\text{Ans} = 0.01024$$