

Decimal Worksheet

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

(b) $\frac{133}{10} = \frac{133}{10} = 13.3$

(c) Rounding of 9.563 to the nearest hundredth - 9.56

(d) $0.3269 \times 1000 = 3269.000$
 $= 3269$

(e) IF two decimal fraction have unequal number of decimal places, they are called like decimal fractions.

(f) To like fraction is the number name of like

(g) Rounding off 9.563 to the nearest hundredth we get 9.56.

(h) when multiplying decimal number by 10 the decimal point goes to 2 places right.

2. a) $12.02 < 20.12 < 21.12$

b $1600 + 200 + 50 + 3 + \frac{2}{10} + \frac{3}{100} + \frac{6}{1000}$

c) convert into decimal $\frac{13}{25} = ~~13~~ .58$

d) $56.20 < 36.63 < 36.02$

e) $9.23 = \frac{923}{100}$

3) a

$$\begin{array}{r} 10.1 \\ 100.01 \\ 11.11 \\ \hline 101.011 \\ 222.231 \end{array}$$

b

$$\begin{array}{r} \del{1056.36} \\ \del{1200} \\ \hline 1200.00 \\ \hline 1056.36 \\ \hline 0243.64 \end{array}$$

c

$$\begin{aligned} & 2000 - 236.45 - 589.963 + 0.3659 \\ = & 2000 + 0.3659 - 589.963 - 236.45 \\ = & 2000.3659 - 826.413 \\ = & 1173.9529 \end{aligned}$$

(d)
$$\begin{array}{r} 3456 \\ \underline{365} \\ 17280 \\ 20736 \\ \underline{11558} \\ 11,83440 \end{array}$$