

CW
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Worksheet
Math

Decimal fractions

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1. a) A decimal fraction is a fraction whose denominator is 10

or multiples of 10

b) $\frac{113}{10}$ can be written as 11.3

in decimal.

c) In 1265.356, .356 is the

Decimal part.

d) A decimal point separates a whole number from a decimal fraction.

e) If two decimal fraction have unequal number of decimal places,

they are called unlike decimal fractions.

f) Rounding off 9.563 to the nearest hundredths, we get 9.56

g) Two fifteenth is the number

name for $\frac{2}{15}$

h) When multiplying a decimal number by 100 the decimal point will move to Two places right.

$$i) 0.3269 \times 1000 = \underline{326.9}$$

$$j) \text{ If } 245 \times 21 = 5145, \text{ then } 24.5 \times 21 = \underline{514.5}$$

$$2a) \text{ Ans) } 12.02 < 20.12 < 21.12$$

$$b) \text{ Ans) } 1000 + 200 + 50 + 3 + .2 + .03 + .006$$

c) $\frac{17}{25} = .68$

d) $56.20 > 36.23 > 36.02$

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

3a. Ans) $\begin{array}{r} 101.011 \\ 100.01 \\ 11.11 \\ + 10.1 \\ \hline 222.231 \end{array}$

b. Ans) $\begin{array}{r} 2000.00 \\ - 1050.36 \\ \hline 949.64 \end{array}$

(Ans) $2000 + 0.3659 - 589.963 - 236.45$
 $= 1173.9529$

d) Ans) $\begin{array}{r} 3.456 \\ \times 365 \\ \hline 1261440 \end{array}$

$= 12.61440$

e) ~~Ans~~) $51.2 \div 5000$

Ans) 0.01024