

# Decimal Fraction

SCHOLAR

Date: |

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## Worksheet

1. a)  $10, \overline{10}$

b)  $13.3$

c) Decimal fraction

d) Decimal point

e) Unlike decimal fractions

f)  $9.56$

g)  $30$

h) Two

i)  $326.9$

j)  $514.5$

2. a)  $12.02 < 20.12 < 21.12$

b)  $1000 + 200 + 50 + 3 + 0.3 + 0.03 + 0.006$

c)  $\frac{17}{25} = \frac{17 \times 4}{25 \times 4} = \frac{68}{100} = 0.68$

d)  $56.20 > 36.23 > 36.02$

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

$$\begin{array}{r}
 3. a) \quad 101.011 \\
 \quad 100.010 \\
 \quad 11.110 \\
 \hline
 \quad 10.100 \\
 \hline
 \underline{222.231}
 \end{array}$$

$$\begin{array}{r}
 b) \quad 1200 - 1050.36 \\
 \quad = 1200.00 - 1050.36 \\
 \hline
 \underline{149.64}
 \end{array}$$

$$\begin{array}{r}
 c) \quad = 2000 + 0.3659 - 589.963 - 236.45 \\
 \quad = 2000.0000 \\
 \quad \quad + 0.3659 \quad \left\{ \text{Step-1} \right\} \\
 \quad \quad \underline{2000.3659} \\
 \quad = 589.963 \\
 \quad \quad + 236.450 \quad \left\{ \text{Step-2} \right\} \\
 \quad \quad \underline{826.413} \\
 \quad = 1999.952 \\
 \quad \quad + 0.3659 \quad \left\{ \text{Step-3} \right\} \\
 \quad \quad \underline{1999.3161} \\
 \quad \quad \underline{1173.9529}
 \end{array}$$

$$\begin{array}{r}
 d) \quad 3.456 \\
 \quad \times 3.65 \\
 \hline
 \quad 17280 \\
 \quad 20736 \\
 \hline
 \quad 1261440
 \end{array}$$

0.01024

$$e) 5000 \overline{) 51.2}$$

0

512

-0

51205000

1200

0

12000

10000

20000

200000