Exercise 10 (A)

1. Write the decimal fraction in words

a) 0.9 - Zero point nine
b) 0.07 - Zero point zero seven
c) 0.083 - Zero point zero eight Three
d) 0.014 - Zero point zero one four
e) 0.005 - Zero point zero zero five
f) 0.038 - Zero point zero three eight
g) 0.0036 - Zero point zero zero three six
h) 27.075 - Twenty seven point zero seven five

2. Write the following @ in fraction from and

(b) in decimal form.

	(a)	(b)
a) Two ~~hundredths~~ tenths =	(a) 2/10	(b) 0.2
b) Four and five tens	(a) 4 5/10	(b) 4.5
c) ~~Five hundr~~ Five hundredth	(a) ~~0.05~~ 5/100	(b) 0.05
d) Eleven and three hundredths	(a) 11 3/100	(b) 11.03
e) Seventy two hundredths	(a) 72/100	(b) ~~70~~ 0.72
f) Sixteen and twenty seven hundredths	(a) 16 27/100	(b) 16.27
g) Five ~~hundred~~ thousandths	(a) 5/1000	(b) 0.005
h) Twenty eight thousands	(a) 28/1000	(b) 0.028

2. Express the ~~decimal~~ following fractions into decimal fractions.

(a) 12/100 = 0.12 (b) 37/100 = 0.37 (c) 112/1000 = 0.112

(c) 1/1000 = 0.001 (d) 35/1000 = 0.035 (f) 21 76/100 = 21.76

(g) 112 9/10 = 112.9

4. Write the following as a fraction or mixed fraction in simplified form

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a) $0.45 = \frac{45}{100} = \frac{9}{20}$ (b) $0.124 = \frac{124}{1000} = \frac{31}{250}$

c) $0.049 = \frac{49}{1000}$ (d) $0.055 = \frac{55}{1000} = \frac{11}{200}$

(e) $9.05 = \frac{905}{100} = \frac{181}{20} = 9\frac{1}{20}$

(f) $30.09 = 30\frac{9}{100}$ (g) $100.225 = 100\frac{225}{1000} = \frac{45}{200} = \frac{9}{40} = 100\frac{9}{40}$

5. Grive the place value of the underline digit

(a) $0.\underline{6}7$ = 6 tenths (b) $0.\underline{1}63$ = 1 tenths

(c) $0.2\underline{7}9$ = 7 hundreth (d) $4.\underline{1}6$ = 6 hundredths

(e) $3.\underline{7}84$ = 7 tenths (f) $15.7\underline{5}$ = 5 hundredths

(g) $\underline{1}6.12$ = 1 ten

: Write the expanded form

(a) $0.48 = 0.4 + 0.08$ (b) $0.714 = 0.7 + 0.01 + 0.004$

(c) $1.75 = 1 + 0.7 + 0.05$

(d) $23.345 = 20 + 3 + 0.3 + 0.04 + 0.005$

(e) $9.062 = 9 + 0.06 + 0.002$

(f) $52.005 = 50 + 2 + 0.005$ (g) $5.015 = 5 + 0.01 + 0.005$

h) $815.426 = 800 + 10 + 5 + 0.4 + 0.02 + 0.006$

(c) $0.76 \_\_ 0.04$ (d) $0.48 \_\_ 0.70$

(e) $0.125 \_\_ 0.307$ (f) $0.004 \_\_ 0.040$

8. Arrange the following in ascending order using the sigh '<'.

(a) $0.6, 0.43, 0.7 = 0.60, 0.43, 0.70 = 0.43 < 0.60 < 0.70$

(b) $0.014, 0.8, 0.006 = 0.014, 0.800, 0.006 = 0.006 < 0.014 < 0.800$

(c) $3.41, 6.83, 1.94 = 1.94 < 3.41 < 6.83$

(d) $0.9, 0.83, 0.8 = 0.90, 0.83, 0.80 = 0.80 < 0.83 < 0.90$

(e) $3.46, 1.95, 1.99 = 1.95 < 1.99 < 3.46$

(f) $11.21, 11.211, 11.112 = 11.210, 11.211, 11.112 = 11.210 < 11.112 < 11.211$

9) Arrange the following indecending order using the sign '>'.

(a) $0.76, 0.62, 0.67 = 0.76 > 0.67 > 0.62$ (b) $0.25, 0.56, 0.5$

$= 0.56 > 0.53 > 0.25$ (c) $0.123, 0.321, 0.103 = 0.321 > 0.123 > 0.103$

(d) $0.81, 0.77, 1.05 = 1.05 > 0.81 > 0.77$

(e) $1.16, 6.811, 1.61 = 6.811 > 1.61 > 1.16$

(f) $0.246, 0.426, 0.024 = 0.426 > 0.246 > 0.024$