H.w

17.09.21

Date
Page 98

Ex. 10 (A)

1. Write the following ~~decimal~~ decimal fractions in words:

a) 0.9 - point nine

b) 0.07 - point zero seven

c) 0.083 - point zero eight three

d) 0.014 - point zero one four

e) 0.005 - point zero zero five

f) 0.038 - point zero three eight

g) 0.0036 - point zero zero three six

h) 27.075 - Twenty seven point zero seven five.

2. Write the following (a) in fraction form and (b) in decimal form.

a. Two-tenths - $\frac{1}{5}$, 0.2

b. Foure and five tenth - $4\frac{1}{2}$, 4.5

c. Five - hundredths - $\frac{1}{20}$, 0.05

d. Eleven and three hundredths - $11\frac{3}{100}$, 11.03

e. Seventy two hundredths - $\frac{18}{25}$, 0.72

f. Sixteen and twenty seven hundredths - $16\frac{27}{100}$, 16.27

g. Five thousands - $\frac{1}{200}$, 0.005

h. Twenty eight thousandths. - $\frac{7}{250}$, 0.028

3. Express the following fractions as decimal fractions.

a. $\frac{12}{100} = 0.12$

b. $\frac{37}{100} = 0.37$

c. $\frac{1}{1000} = 0.001$

d. $\frac{35}{1000} = 0.035$

e. $\frac{112}{1000} = 0.112$

f. $21\frac{76}{100} = 21.76$

g. $112\frac{9}{10} = 112.9$

Date
Page 19

4. Write the following as a fractions or mixed number. Give the answer in simplified form.

a. $0.45 - \frac{9}{20}$

b. $0.124 - \frac{31}{250}$

c. $0.049 = \frac{49}{1000}$

d. $0.055 = \frac{55}{1000}$

e. $9.05 = 9\frac{1}{20}$

f. $30.09 = 30\frac{9}{100}$

g. $100.225 = 100\frac{9}{40}$

5. Give the place value of the underlined digit.

a. 0.6$\underline{7}$ - 6 tenths

b. 0.$\underline{1}$63 - 1 tenths

c. 0.2$\underline{7}$9 - 7 hundredths

d. 4.1$\underline{6}$ - 6 hundredths

e. 3.$\underline{7}$84 - 7 tenths

f. 15.$\underline{7}$5 - 5 hundredths

g. $\underline{1}$6.12 - 1 tens

6. write each decimal in expanded form.

a. 0.48 - 0 + .4 + .08

b. 0.714 - 0 + .7 + .01 + .004

c. 1.75 - 1 + .7 + .05

d. 23.345 - 20 + 3 + .3 + .04 + .005

e. 9.062 - 9 + .06 + .002

f. 52.005 - 50 + 2 + .005

g. 5.012 - 5 + .01 + .005

h. 815.426 - 800 + 10 + 5 + .4 + .02 + 006

7. Write '>' or '<'

a) 0.46 < 0.5

b) 0.008 < 0.1

c) 0.76 > 0.09

d) 0.48 < 0.7

e) 0.125 < 0.307

f) 0.009 < 0.04

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

(a) 0.6 , 0.43 , 0.7

A→ 0.43 < 0.6 < 0.7

b) 0.014 , 0.8 , 0.006

A→ 0.006 < 0.014 < 0.8

c) 0.123 , 0.321 , 0.103

A→ 0.103 < 0.123 < 0.321

d) 0.89 , 0.83 , 0.08

A→ 0.89 < 0.83 < 0.9

e) 3.46 , 1.95 , 1.99

A→ 1.95 < 1.99 < 3.46

f) 11.21 , 11.211 , 11.112

A→ 11.112 < 11.21 < 11.211

9. Arrange the following in descending order using this sign '>'.

a. 0.76 , 0.62 , 0.67

A→ 0.76 > 0.67 > 0.62

b. 0.25 , 0.56 , 0.53

A→ 0.56 > 0.53 > 0.25

c. [illegible] , [illegible] , 3.41 , 6.83 , 1.94

A→ 6.83 > 3.41 > 1.94

d. 0.81 , 0.77 , 1.05

A→ 1.05 > 0.81 > 0.77

e. 1.16 , 6.11 , 1.61

A→ 6.11 > 1.61 > 1.16

F) 0.246 , 0.426 , 0.024

A→ 0.426 > 0.246 > 0.024