

W
20.9.21

Ex 10(A)

6. Write 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. $9.062 = 9 + .06 + 0.02$

f. $52.005 = 50 + 2 + 0.05$

g. $5.015 = 5 + .01 + .005$

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 $>$ or $<$

a. $0.6, 0.43, 0.7$

Ans $0.43 < 0.6 < 0.7$

b. $0.014, 0.8, 0.006$

Ans $0.006 < 0.014 < 0.8$

c. $0.123, 0.321, 0.103$

Ans $0.103, 0.123 < 0.321$

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

d. 0.9, 0.83, 0.8

$$\Rightarrow 0.8 < 0.83 < 0.9$$

e. 3.46, 1.95, 1.99

$$\Rightarrow 1.95 < 1.99 < 3.46$$

f. 11.21, 11.211, 11.112

$$\Rightarrow 11.112 < 11.21 < 11.211$$

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

a. 0.76, 0.62, 0.67

$$\Rightarrow 0.76 > 0.67 > 0.62$$

b. 0.25, 0.56, 0.53

$$\Rightarrow 0.56 > 0.53 > 0.25$$

c. 3.41, 6.83, 1.94

$$\Rightarrow 6.83 > 3.41 > 1.94$$

d. 0.81, 0.77, 1.05

$$\Rightarrow 1.05 > 0.81 > 0.77$$

e. 1.16, 6.11, 1.61

$$\Rightarrow 6.11 > 1.61 > 1.16$$

f. 0.246, 0.426, 0.024

$$\Rightarrow 0.426 > 0.246 > 0.024$$