

Decimals Ex 7.2 Q5

Answer:

= 3 + 8 tenths

$$=3+\frac{8}{10}$$

$$= 3 + \frac{8}{10}$$

$$= \frac{3 \times 10}{10} + \frac{8}{10} = \frac{30}{10} + \frac{8}{10} = \frac{38}{10} = \frac{19}{5}$$

(ii) 21.2

$$=21+\frac{2}{10}=\frac{21\times10}{10}+\frac{2}{10}=\frac{210}{10}+\frac{2}{10}=\frac{212}{10}=\frac{106}{5}$$

(iii) 6.4

= 6 + 4 tenths

$$=6+\frac{4}{10}$$

$$= 6 + \frac{4}{10} = \frac{6 \times 10}{10} + \frac{4}{10} = \frac{60}{10} + \frac{4}{10} = \frac{64}{10} = \frac{32}{5}$$

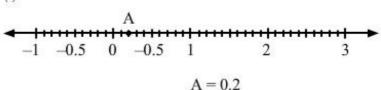
(iv) 1.0

Since the only number after the decimal is 0, the fraction is 1.

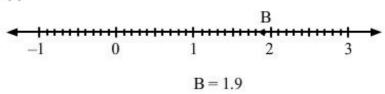
Decimals Ex 7.2 Q6

Answer:

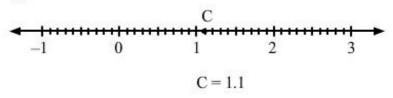
(i)



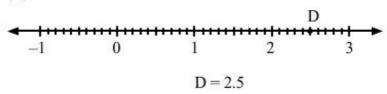
(ii)



(iii)



(iv)



Decimals Ex 7.2 Q7

Answer:

(i) 0.8 is between the two whole numbers 0 and 1.

As 0.8 is 8 units from 0 and 2 units from 1, it is nearer to 1.

(ii) 5.1 is between the two whole number 5 and 6.

As 5.1 is 1 unit from 5 and 9 units from 6, it is nearer to 5.

(iii) 2.6 is between 2 and 3.

As 2.6 is 6 units from 2 and 4 units from 3, it is nearer to 3.

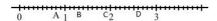
(iv) 6.4 is between 6 and 7.

As 6.4 is 4 units from 6 and 6 units from 7, it is nearer to 6.

- (v) 9.0 is itself a whole number, that is, 9.
- (vi) 4.9 is between 4 and 5.

As 4.9 is 9 units from 4 and 1 unit from 5, it is nearer to 5.

Decimals Ex 7.2 Q8



- A) 0.8, since A is at the eighth place between 0 and 1
- B) 1.3, since B is at the third place between 1 and 2
- C) 1.9, since C is at the ninth place between 1 and 2
- D) 2.6, since D is at the sixth place between 2 and 3

Disclaimer: The image given in the book is not consistent, as the number of periods between 0 and 1 is ten but the number of periods between 1 and 2 is seven. So, ignoring the position of the given numbers 1, 2 and 3, it has been assumed that there are ten periods between every two consecutive numbers starting from the first point taken as zero.

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