



Decimals Ex 3.1 Q4

Answer :

i) Let us first convert the given decimals to like decimals.

We get the decimals as: 41.80, 39.24, 05.01, 62.60

Let us now add them.

$$\begin{array}{r} 41.80 \\ 39.24 \\ 05.01 \\ + 62.60 \\ \hline = 148.65 \end{array}$$

ii) Let us first convert the given decimals to like decimals.

We get the decimals as: 018.030, 146.300, 000.829, 005.324.

Let us now add them.

$$\begin{array}{r} 018.030 \\ 146.300 \\ 000.829 \\ + 005.324 \\ \hline = 170.483 \end{array}$$

Decimals Ex 3.1 Q5

Answer :

i) On converting the given decimals to like decimals, we get the new decimals as 9.756 and 6.280.

Let us now subtract them.

$$\begin{array}{r} 9.756 \\ - 6.280 \\ \hline = 3.476 \end{array}$$

ii) On converting the given decimals to like decimals, we get the new decimals as 48.10 and 00.37.

Let us now subtract them.

$$\begin{array}{r} 48.10 \\ - 00.37 \\ \hline = 47.73 \end{array}$$

iii) On converting the given decimals to like decimals, we get the new decimals as 108.032 and 086.800.

Let us now subtract them.

$$\begin{array}{r} 108.032 \\ - 086.800 \\ = 21.232 \end{array}$$

iv) On converting the given decimals to like decimals, we get the new decimals as 100.00 and 026.32.

Let us now subtract them.

$$\begin{array}{r} 100.00 \\ - 026.32 \\ = 73.68 \end{array}$$

Decimals Ex 3.1 Q6

Answer :

According to the question, we need to subtract 3.547 from 7.2.

On converting the given decimals to like decimals, we get the new decimals as 3.547 and 7.200.

Let us now subtract them.

$$\begin{array}{r} 7.200 \\ - 3.547 \\ = 3.653 \end{array}$$

Decimals Ex 3.1 Q7

Answer :

Let x be added to 36.85 to get 59.41.

$$\therefore 36.85 + x = 59.41$$

$$\begin{aligned} \text{or, } x &= 59.41 - 36.85 \\ &= 22.56 \end{aligned}$$

Thus, we need to add 22.56 to 36.85 to get 59.41.

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