



Exercise 3B

Writing them in column form with the larger one at the top and subtracting them, we get:

$$\begin{array}{r} 5.0500 \\ -0.4678 \\ \hline 4.5822 \end{array}$$

$$\therefore (5.0500 - 0.4678) = 4.5822$$

Q15

Answer :

Converting the given decimals into like decimals, we get:

2.5307 and 8.0000

Writing them in column form with the larger one at the top and subtracting them, we get:

$$\begin{array}{r} 8.0000 \\ -2.5307 \\ \hline 5.4693 \end{array}$$

$$\therefore (8.0000 - 2.5307) = 5.4693$$

Q16

Answer :

Writing the given like decimals in column form with the larger one at the top and subtracting them, we get:

$$\begin{array}{r} 9.001 \\ -6.732 \\ \hline 2.269 \end{array}$$

$$\therefore (9.001 - 6.732) = 2.269$$

Q17

Answer :

Converting the given decimals into like decimals, we get:

5.746 and 9.100

Writing them in column form with the larger one at the top and subtracting them, we get:

$$\begin{array}{r} 9.100 \\ -5.746 \\ \hline 3.354 \end{array}$$

$$\therefore (9.100 - 5.746) = 3.354$$

Q18

Answer :

Converting the given decimals into like decimals, we get:
63.58 and 92.00

$$\text{Thus, required number} = (92.00 - 63.58) = 28.42$$

Hence, 28.42 should be added to 63.58 to get 92.

Q19

Answer :

Converting the given decimals into like decimals, we get:
8.100 and 0.813

$$\text{Thus, required number} = (8.100 - 0.813) = 7.287$$

Hence, 7.287 should be subtracted from 8.1 to get 0.813.

Q20

Answer :

Converting the given decimals into like decimals, we get:
32.67 and 60.10

$$\text{Thus, required number} = (60.10 - 32.67) = 27.43$$

Hence, 32.67 should be increased by 27.43 to get 60.1.

Q21

Answer :

Converting the given decimals into like decimals, we get:

74.30 and 26.87

$$\text{Thus, required number} = (74.30 - 26.87) = 47.43$$

Hence, 74.3 should be decreased by 47.43 to get 26.87.

Q22

Answer :

$$\begin{aligned} \text{Total amount spent by Rohit on purchasing of the given articles} &= \text{Rs } (23.75 + 2.85 + 15.90) \\ &= \text{Rs } 42.50 \end{aligned}$$

$$\text{Money given to the shopkeeper} = \text{Rs } 50$$

$$\begin{aligned} \therefore \text{Money returned by the shopkeeper} &= \text{Rs } (50 - 42.50) \\ &= \text{Rs } 7.50 \end{aligned}$$

$$\text{Thus, amount received by Rohit} = \text{Rs } 7.50$$

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