



Exercise 7D

Q1

Answer :

Let us write the numbers in the column form with the larger one at the top.

Now, subtracting:

$$\begin{array}{r} 53.74 \\ - 27.86 \\ \hline 25.88 \end{array}$$

$\therefore 53.74 - 27.86 = 25.88$

Q2

Answer :

Let us write the numbers in the column form with the larger one at the top.

Now, subtracting:

$$\begin{array}{r} 103.87 \\ - 64.98 \\ \hline 38.89 \end{array}$$

$\therefore 103.87 - 64.98 = 38.89$

Q3

Answer :

Converting the given numbers into like decimals:

59.63 and 92.40

Let us write them in the column form with the larger number at the top.

Now, subtracting:

$$\begin{array}{r} 92.40 \\ - 59.63 \\ \hline 32.77 \end{array}$$

$\therefore 92.40 - 59.63 = 32.77$

Q4

Answer :

Converting the given numbers into like decimals:

56.80 and 204.00

Let us write them in the column form with the larger number at the top.

Now, subtracting:

$$\begin{array}{r} 204.00 \\ - 56.80 \\ \hline 147.2 \end{array}$$

$\therefore 204.00 - 56.80 = 147.2$

Q5

Answer :

Converting the given numbers into like decimals:

127.38 and 216.20

Let us write them in the column form with the larger number at the top.

Now, subtracting:

216.20

- 127.38

88.82

$\therefore 216.20 - 127.38 = 88.82$

Q6

Answer :

Converting the given numbers into like decimals:

39.875 and 70.680

Let us write them in the column form with the larger number at the top.

Now, subtracting:

70.680

- 39.875

30.805

$\therefore 70.680 - 39.875 = 30.805$

Q7

Answer :

Converting the given numbers into like decimals:

348.237 and 523.120

Let us write them in the column form with the larger number at the top.

Now, subtracting:

523.120

- 348.237

174.883

$\therefore 523.120 - 348.237 = 174.883$

Q8

Answer :

Converting the given numbers into like decimals:

458.573 and 600.000

Let us write them in the column form with the larger number at the top.

Now, subtracting:

$$\begin{array}{r} 600.000 \\ - 458.573 \\ \hline 141.427 \end{array}$$

$\therefore 600.000 - 458.573 = 141.427$

Q9

Answer :

Let us write the numbers in the column form with the larger one at the top.

Now, subtracting:

$$\begin{array}{r} 206.321 \\ - 149.456 \\ \hline 56.865 \end{array}$$

$\therefore 206.321 - 149.456 = 56.865$

Q10

Answer :

Converting the given numbers into like decimals:

3.400 and 0.612

Let us write them in the column form with the larger number at the top.

Now, subtracting:

$$\begin{array}{r} 3.400 \\ - 0.612 \\ \hline 2.788 \end{array}$$

$\therefore 3.400 - 0.612 = 2.788$

Q11

Answer :

Converting the given decimals into like decimals, then adding and, finally, subtracting:

| | |
|----------------|----------------|
| 37.60 | 58.678 |
| <u>+ 72.85</u> | <u>+ 6.090</u> |
| <u>110.45</u> | <u>64.768</u> |

$$\begin{array}{r} 110.450 \\ - 64.768 \\ \hline 45.682 \end{array}$$

$$\begin{aligned} & (37.60 + 72.85) - (58.678 + 6.090) \\ &= 110.450 - 64.768 \\ &= 45.682 \end{aligned}$$

Q12

Answer :

Converting the given decimals into like decimals, then adding and, finally, subtracting:

| | |
|----------------|-----------------|
| 178.96 | 104.645 |
| <u>+ 75.30</u> | <u>+ 47.900</u> |
| <u>254.26</u> | <u>152.545</u> |

$$\begin{aligned} & (75.30 + 178.96) - (104.645 + 47.900) \\ & 254.260 - 152.545 \\ & \begin{array}{r} 254.260 \\ - 152.545 \\ \hline 101.715 \end{array} \end{aligned}$$

Q13

Answer :

Converting the given decimals into like decimals, then adding and, finally, subtracting:

$$\begin{array}{r} 56.840 \\ 11.870 \\ + 16.087 \\ \hline 84.797 \end{array}$$

$$\begin{aligned} & (213.400) - (56.840 + 11.870 + 16.087) \\ & 213.400 - 84.797 \\ & \begin{array}{r} 213.400 \\ - 84.797 \\ \hline 128.603 \end{array} \end{aligned}$$

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