Exercise 3E

(c) 2.005 km

2 km 5 m = (2 × 1000) m + 5 m = 2005 m

$= \frac{2005}{1000}$ km = 2.005 km

∴ 2 km 5 m = 2.005 km

Q8

Answer :

(c) 0.307

Converting the given decimals into like decimals, we get:
1.007 and 0.700
Writing them in column form with the larger one at the top and subtracting, we get:

$$\begin{array}{r} 1.007 \\ -0.700 \\ \hline 0.307 \end{array}$$

Hence, the required number is 0.307.

Q9

Answer :

(b) .07

We have:
$0.1 - x = 0.03$
$\Rightarrow x = 0.1 - 0.03$

Converting the given decimals into like decimals, we get:

0.10 and 0.03

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

$$\begin{array}{r} 0.10 \\ -0.03 \\ \hline 0.07 \end{array}$$

$\therefore x = 0.07$

Hence, the required number is 0.07.

Q10

Answer :

(c) .43

We have:

$3.07 + x = 3.5$

$\Rightarrow x = 3.5 - 3.07$

Converting the given decimals into like decimals, we get:

3.07 and 3.50

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

$$\begin{array}{r} 3.50 \\ -3.07 \\ \hline 0.43 \end{array}$$

$\therefore x = 0.43$

Hence, 0.43 should be added to 3.07 to get 3.5.

Q11

Answer :

********** END **********