1. Subtract:

(i)	46.23	(ii)	128.4	(iii)	45.03	(iv)	23.93
	37.5		53.05		27.8		5.946

Solution:

(i) We know that
46.23 – 37.5 = 8.73

(ii) We know that
128.4 – 53.05 = 75.35

(iii) We know that
45.03 – 27.8 = 17.23

(iv) We know that
23.93 – 5.946 = 17.984

2. Find the value of:
(i) 9.756 – 6.28
(ii) 21.05 – 15.27
(iii) 18.5 – 6.79
(iv) 48.1 – 0.37
(v) 108.032 – 86.8
(vi) 91.001 – 72.9
(vii) 32.7 – 25.86
(viii) 100 – 26.32
Solution:

(i) 9.756 – 6.28
We know that
9.756 – 6.280 = 3.476

(ii) 21.05 – 15.27
We know that
21.05 – 15.27 = 5.78

(iii) 18.5 – 6.79
We know that
18.50 – 6.79 = 11.71

(iv) 48.1 – 0.37
We know that
48.10 – 0.37 = 47.73

(v) 108.032 – 86.8
We know that

108.032 – 86.800 = 21.232

(vi) 91.001 – 72.9
We know that
91.001 – 72.900 = 18.101

(vii) 32.7 – 25.86
We know that
32.70 – 25.86 = 6.84

(viii) 100 – 26.32
We know that
100 – 26.32 = 73.68

3. The sum of two numbers is 100. If one of them is 78.01, find the other.
Solution:

One of the number = 78.01
Sum of two numbers = 100
Consider x as the other number
It can be written as
78.01 + x = 100
On further calculation
x = 100 – 78.01
By subtraction
x = 21.99

Hence, the other number is 21.99.

4. Waheeda's school is at a distance of 5 km 350 m from her house. She travels 1 km 70 m on foot and the
rest she travels by bus. How much distance does she travel by bus?
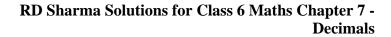**Solution:**

Distance of school from house = 5 km 350 m = 5.350 km
Distance travelled on foot = 1 km 70 m = 1.070 km
Consider x km as the distance travelled by bus
It can be written as
1.070 + x = 5.350
On further calculation
x = 5.350 – 1.070
So we get
x = 4.280 km

Hence, the distance travelled by bus is 4.280 km.

5. Raju bought a book for Rs 35.65. He gave Rs 50 to the shopkeeper. How much money did he get back
from the shopkeeper?
Solution:

Cost of book = Rs 35.65

Amount given = Rs 50
So the balance returned = 50 – 35.65 = Rs 14.35

Hence, the balance returned by the shopkeeper is Rs 14.35.

6. Ruby bought a watermelon weighing 5 kg 200 g. Out of this she gave 2 kg 750 g to her neighbor. What is the weight of the watermelon left with Ruby?
Solution:

Weight of watermelon bought by Ruby = 5 kg 200 g = 5.200 kg
Weight of watermelon Ruby gave to neighbor = 2 kg 750 g = 2.750 kg
So the weight of watermelon left with Ruby = Weight of watermelon bought by Ruby – Weight of watermelon Ruby gave to neighbor
We get
Weight of watermelon left with Ruby = 5.200 – 2.750 = 2.450 kg

Hence, the weight of watermelon left with Ruby is 2.450 kg.

7. Victor drove 89.050 km on Saturday and 73.9 km on Sunday. How many kilometres more did he drive on Sunday?
Solution:

Distance travelled by Victor on Saturday = 89.050 km
Distance travelled by Victor on Sunday = 73.9 km
So the distance travelled more by Victor on Saturday = 89.050 – 73.9 = 15.15 km

Hence, Victor drove 15.15 km more on Saturday.

8. Raju bought a book for Rs 35.65. He gave Rs 50 to the shopkeeper. How much money did he get back from the shopkeeper?
Solution:

Cost of the book = Rs 35.65
Amount given = Rs 50
So the balance retuned = 50 – 35.65 = Rs 14.35

Hence, the shopkeeper returned back Rs 14.35.

9. Gopal travelled 125.5 km by bus, 14.25 km by pony and the rest of distance to Kedarnath on foot. If he covered a total distance of 15 km, how much did he travel on foot?
Solution:

Distance travelled by Gopal by bus = 125.5 km
Distance travelled by Gopal by pony = 14.25km
Consider x km as the distance travelled on foot
We know that
Total distance = Distance travelled by Gopal by bus + Distance travelled by Gopal by pony + Distance travelled by Gopal on foot
By substituting the values
150 = 125.5 + 14.25 + x

On further calculation
x = 150 – 125.5 – 14.25
We get
x = 10.25 km

Hence, the distance travelled by Gopal on foot is 10.25 km.

10. Tina had 20 m 5 cm long cloth. She cuts 4 m 50 cm length of cloth from this for making a curtain. How much cloth is left with her?
Solution:

Length of cloth Tina had = 20 m 5 cm = 20.05 m
Length of cloth cut to make curtain = 4m 50 cm = 4.50 m
So the length of cloth left with her = Length of cloth Tina had - Length of cloth cut to make curtain
By substituting values
The length of cloth left with her = 20.05 – 4.50 = 15.55 m

Hence, the length of cloth left with Tina is 15.55 m.

11. Vineeta bought a book for Rs 18.90, a pen for Rs 8.50 and some papers for Rs 5.05. She gave fifty rupee to the shopkeeper. How much balance did she get back?
Solution:

Cost of book = Rs 18.90
Cost of pen = Rs 8.50
Cost of papers = Rs 5.05
So the total cost = 18.90 + 8.50 + 5.05 = Rs 32.45
Amount given to the shopkeeper = Rs 50
So the balance returned back = 50 – 32.45 = Rs 17.55

Hence, the shopkeeper returned back Rs 17.55.

12. Tanuj walked 8.62 km on Monday, 7.05 km on Tuesday and some distance on Wednesday. If he walked 21.01 km in three days, how much distance did he walk on Wednesday?
Solution:

Distance walked by Tanuj on Monday = 8.62 km
Distance walked by Tanuj on Tuesday = 7.05 km
Consider x km as the distance walked by Tanuj on Wednesday
It can be written as
Total distance = Distance walked by Tanuj on Monday + Distance walked by Tanuj on Tuesday + Distance walked by Tanuj on Wednesday
By substituting the values
21.01 = 8.62 + 7.05 + x
On further calculation
x = 21.01 – 8.62 – 7.05
So we get
x = 5.34 km

Hence, the distance walked by Tanuj on Wednesday is 5.34 km.