

### **EXERCISE 8.6**

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### 1. Subtract:

- (a) ₹ 18.25 from ₹ 20.75
- (b) 202.54 m from 250 m
- (c) ₹ 5.36 from ₹ 8.40
- (d) 2.051 km from 5.206 km
- (e) 0.314 kg from 2.107 kg

### **Solutions:**

(a) ₹ 20.75 – ₹ 18.75

20.75

-18.25

\_\_\_\_

2.50

\_\_\_\_

₹ 2.50

(b) 250 m - 202.54 m

250.00

-202.54

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47.46

\_\_\_\_

47.46 m

(c) ₹ 8.40 – ₹ 5.36

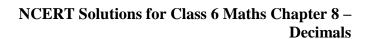
8.40

-5.36

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3.04 ₹ 3.04 (d) 5.206 km - 2.051 km5.206 -2.0513.155 3.155 km (e) 2.107 kg - 0.314 kg2.107 -0.3141.793 1.793 kg 2. Find the value of the following: (a) 9.756 - 6.28(b) 21.05 – 15.27 (c) 18.5 - 6.79(d) 11.6 - 9.847 **Solutions: (a)** 9.756 -6.280

3.476





(b) 21.05	
- 15.27	
5.78	
(c) 18.50	-
- 6.79	
11.71	
(d) 11.600	
- 9.847	
1.753	
3. Raju bough shopkeeper?	nt a book for ₹ 35.65. He gave ₹ 50 to the shopkeeper. How much money did he get back from the
<b>Solutions:</b>	
Money given t	so shopkeeper = ₹ 50.00
Price of the bo	bok = 35.65
The money Ra	iju will get back from the shopkeeper will be the difference between these two.
∴ The money l	left with Raju is
50.00	
- 35.65	
14.35	



15.55

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Hence, the money left with Raju is ₹ 14.35. 4. Rani had ₹ 18.50. She bought one ice cream for ₹ 11.75. How much money does she have now? **Solutions:** Money with Rani = ₹ 18.50 Price of an ice cream = ₹ 11.75 Now, the money left with Rani will be the difference between these two. Hence, the money left with her is 18.50 -11.756.75 ∴ The money left with Rani is ₹ 6.75. 5. 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? **Solutions:** Length of cloth = 20 m 5 cm= 20.05 mLength of cloth to make a curtain = 4 m 50 cm = 4.50 mThe length of cloth left with Tina will be the difference between these two. Thus, the length of cloth left with her is 20.05 -4.50

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:.	The	length	of the	remaining	cloth	left	with	Tina is	15.55	m.

6. Namita travels 20 km 50 m every day. Out of this, she	e travels 10 km 200 m by bus and the rest by auto. How
much distance does she travel by auto?	

#### **Solutions:**

Total distance travelled by Namita = 20 km 50 m

= 20.050 km

Distance travelled by bus = 10 km 200 m

= 10.200 km

Distance travelled by auto = Total distance travelled – Distance travelled by bus

∴ Distance to be travelled by auto is

20.050

-10.200

9.850

∴ Namita travelled 9.850 km by auto.

7. Aakash bought vegetables weighing 10 kg. Out of this, 3 kg 500 g is onions, 2 kg 75 g is tomatoes, and the rest is potatoes. What is the weight of the potatoes?

#### **Solutions:**

Total weight of vegetables Aakash bought = 10.000 kg

Weight of onions = 3 kg 500 g

= 3.500 kg

Weight of tomatoes = 2 kg 75 g

= 2.075 kg

Weight of potatoes = Total weight of vegetables bought – (weight of onions + weight of tomatoes)

= 10.000 - (3.500 + 2.075)

3.500



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+ 2.075	
5.575	_

10.000

-5.575

4.425

 $\therefore$  4.425 kg is the weight of the potatoes.

Disclaimer:

**Dropped Topics – 8.2 Tenths, 8.3 Hundredths.**