

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

47.46

47.46 m

(c) ₹ 8.40 – ₹ 5.36

8.40

– 5.36

3.04

₹ 3.04

(d) $5.206 \text{ km} - 2.051 \text{ km}$

5.206

- 2.051

3.155

3.155 km

(e) $2.107 \text{ kg} - 0.314 \text{ kg}$

2.107

- 0.314

1.793

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

11.71

3. Raju bought a book for ₹ 35.65. He gave ₹ 50 to the shopkeeper. How much money did he get back from the shopkeeper?

Solutions:

Money given to shopkeeper = ₹ 50.00

Price of the book = ₹ 35.65

The money Raju will get back from the shopkeeper will be the difference between these two.

∴ The money left with Raju is

50.00

– 35.65

14.35

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

– 11.75

6.75

∴ 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 m

Length of cloth to make a curtain = 4 m 50 cm

= 4.50 m

The 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

15.55

∴ 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 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

+ 2.075

5.575

10.000

– 5.575

4.425

∴ 4.425 kg is the weight of the potatoes.

Disclaimer:

Dropped Topics – 8.2 Tenths, 8.3 Hundredths.

