



NCERT SOLUTIONS FOR CLASS 6 MATHS DECIMALS
EXERCISE 8.6

Question 1. Subtract:

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

Answer:

- (a) Rs. 2.50
- (b) 47.46 m
- (c) Rs. 3.04
- (d) 3.155 km
- (e) 1.793 kg

Question 2. Find the value of:

- (a) $9.756 - 6.28$
- (b) $21.05 - 15.27$
- (c) $18.5 - 6.79$
- (d) $11.6 - 9.847$

Answer:

- (a) 3.476
- (b) 5.78
- (c) 11.71
- (d) 1.753

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

Answer:

Total amount given to shopkeeper = Rs. 50

Cost of book = Rs. 35.65

Amount left = Rs. 50.00 - Rs. 35.65 = Rs. 14.35

Therefore, Raju got back Rs. 14.35 from the shopkeeper.

Question 4. Rani had Rs. 18.50. She bought one ice-cream for Rs. 11.75. How much money does she have now?

Answer:

Total money = Rs. 18.50

Cost of Ice-cream = Rs. 11.75

Amount left = Rs. 18.50 – Rs. 11.75 = Rs. 6.75

Therefore, Rani has Rs. 6.75 now.

Question 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?

Answer:

Total length of cloth = 20 m 5 cm = 20.05 m

Length of cloth used = 4 m 50 cm = 4.50 m

Remaining cloth = 20.05 m – 4.50 m = 15.55 m

Therefore, 15.55 m of cloth is left with Tina.

Question 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?

Answer:

Total distance travel = 20 km 50 m = 20.050 km

Distance travelled by bus = 10 km 200 m = 10.200 km

Distance travelled by auto = 20.050 – 10.200 = 9.850 km

Therefore, 9.850 km distance travels by auto.

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

Answer:

Weight of onions = 3 kg 500 g = 3.500 kg

Weight of tomatoes = 2 kg 75 g = 2.075 kg

Total weight of onions and tomatoes = 3.500 + 2.075 = 5.575 kg

Therefore, weight of potatoes = 10.000 – 5.575 = 4.425 kg

Thus, weight of potatoes is 4.425 kg.

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