Access NCERT Solutions for Class 6 Chapter 8: Decimals Exercise 8.5

1. Find the sum in each of the following:

- (a) 0.007 + 8.5 + 30.08
- (b) 15 + 0.632 + 13.8
- (c) 27.076 + 0.55 + 0.004
- (d) 25.65 + 9.005 + 3.7
- (e) 0.75 + 10.425 + 2
- (f) 280.69 + 25.2 + 38

Solutions:

- (a) Sum of 0.007 + 8.5 + 30.08
- 0.007
- 8.500
- + 30.080

38.587

(1) 0 (45

- (b) Sum of 15 + 0.632 + 13.8
- 15.000
- 0.632
- + 13.800

29.432

- (c) Sum of 27.076 + 0.55 + 0.004
- 27.076
- 0.550
- +0.004

27.630

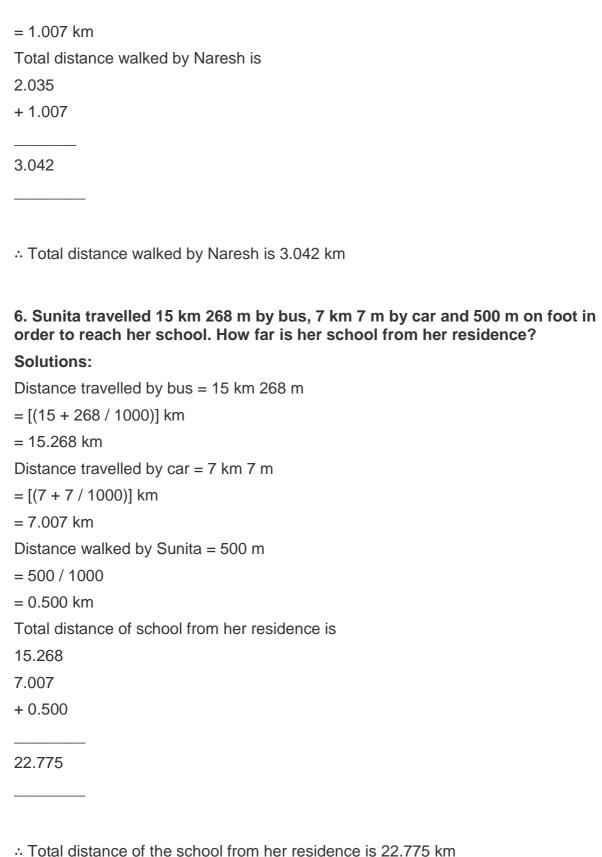
(d) Sum of 25.65 + 9.005 + 3.7

25.650

9.005

+ 3.700
38.355
(e) Sum of 0.75 + 10.425 + 2
0.750
10.425
+ 2.000
13.175
(f) Sum of 280.69 + 25.2 + 38
280.69
25.20
+ 38.00
343.89
2. Rashid spent □ 35.75 for Maths book and □ 32.60 for Science book. Find the total amount spent by Rashid.
Solutions:
Cost of Maths book = □ 35.75
Cost of Science book = □ 32.60
Total amount spent by Rashid is
35.75
+ 32.60
68.35
∴ Total amount of money spent by Rashid is □ 68.35
3. Radhika's mother gave her □ 10.50 and her father gave her □ 15.80, find the total amount given to Radhika by the parents. Solutions:

Amount given by Radhika's mother = □ 10.50 Amount given by Radhika's father = □ 15.80 Total amount given by her parents 10.50 + 15.80
26.30
∴ Total amount of money given by Radhika's parents is □ 26.30
4. Nasreen bought 3 m 20 cm cloth for her shirt and 2 m 5 cm cloth for her trouser. Find the total length of cloth bought by her.
Solutions:
Cloth of shirt = 3 m 20 cm
Cloth of trouser = 2 m 5 cm
Total length of cloth is
3.20
+ 2.05
5.25
∴ Total length of cloth bought by Nasreen is 5.25 m
5. Naresh walked 2 km 35 m in the morning and 1 km 7 m in the evening. How much distance did he walk in all?
Solutions:
Distance walked by Naresh in the morning = 2 km 35 m
= [(2 + 35/1000)] km
= 2.035 km
Distance walked by him in the evening = 1 km 7 m
= [(1 + 7 / 1000)] km



- .. Total distance of the school from her residence is 22.773 km
- 7. Ravi purchased 5 kg 400 g rice, 2 kg 20 g sugar and 10 kg 850 g flour. Find the total weight of his purchases.

Solutions:

Weight of rice = 5 kg 400 g

$$= [(5 + 400 / 1000)] kg$$

$$= 5.400 \text{ kg}$$

Weight of sugar = 2 kg 20 g

$$= [(2 + 20 / 1000)] kg$$

$$= 2.020 \text{ kg}$$

Weight of flour = 10 kg 850 g

$$= [(10 + 850 / 1000)] kg$$

$$= 10.850 \text{ kg}$$

Total weight of his purchases is

5.400

2.020

+ 10.850

18.270

∴ Total weight of his purchases is 18.270 kg