

Mathematics

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(Chapter – 8) (Decimals)

(Class – VI)

Exercise 8.5

Question 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) $280.69 + 25.2 + 38$

Answer 1:

	H	T	O	.	Tenth	Hund.	Thou.	
(a)			0	.				
			0	.	0	0	7	
			8	.	5			
+		3	0	.	0	8		
		3	8	.	5	8	7	= 38.587

	H	T	O	.	Tenth	Hund.	Thou.	
(b)			5	.				
	0	1	5	.	0	0	0	
				.	6	3	2	
+		1	3	.	8			
		2	9	.	4	3	2	= 29.432

	H	T	O	.	Tenth	Hund.	Thou.	
(c)			7	.				
		2	7	.	0	7	6	
				.	5	5		
+				.	0	0	4	
		2	7	.	6	3	0	= 27.630

	H	T	O	.	Tenth	Hund.	Thou.	
(d)			5	.				
		2	5	.	6	5		
			9	.	0	0	5	
+			3	.	7			
		3	8	.	3	5	5	= 38.355

	H	T	O	.	Tenth	Hund.	Thou.	
(e)				.				
				.	7	5		
		1	0	.	4	2	5	
+			2	.				
		1	3	.	1	7	5	= 13.175

	H	T	O	.	Tenth	Hund.	Thou.	
(f)			0	.				
	2	8	0	.	6	9		
		2	5	.	2			
+		3	8	.				
	3	4	3	.	8	9		= 343.89

Question 2:

Rashid spent ₹35.75 for Maths book and ₹32.60 for Science book. Find the total amount spent by Rashid.

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Answer 2:

Money spent for Maths book = ₹35.75

Money spent for Science book = ₹32.60

Total money spent = ₹35.75 + ₹32.60 = ₹68.35

Therefore, total money spent by Rashid is ₹68.35.

Question 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.

Answer 3:

Money given by mother = ₹10.50

Money given by father = ₹15.80

Total money received by Radhika = ₹10.50 + ₹15.80 = ₹26.30

Therefore, the total money received by Radhika is ₹26.30.

Question 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.

Answer 4:

Cloth bought for shirt = 3 m 20 cm = 3.20 m

Cloth bought for trouser = 2 m 5 cm = 2.05 m

Total length of cloth bought by Nasreen = 3.20 + 2.05 = 5.25 m

Therefore, the total length of cloth bought by Nasreen is 5.25 m

Question 5:

Nareh walked 2 km 35 m in the morning and 1 km 7 m in the evening. How much distance did he walk in all?

Answer 5:

Distance travelled in morning = 2 km 35 m = 2.035 km

Distance travelled in evening = 1 km 7 m = 1.007 km

Total distance travelled = 2.035 + 1.007 = 3.042 km

Therefore, the total distance travelled by Nareh is 3.042 km.

Question 6:

Sunita travelled 15 km 268 m by bus, 7 km 7 m by car and 500 m by foot in order to reach her school. How far is her school from her residence?

Answer 6:

Distance travelled by bus = 15 km 268 m = 15.268 km

Distance travelled by car = 7 km 7 m = 7.007 km

Distance travelled on foot = 500 m = 0.500 km

Total distance travelled = 15.268 + 7.007 + 0.500 = 22.775 km

Therefore, total distance travelled by Sunita is 22.775 km.

Question 7:

Ravi purchases 5 kg 400 g rice, 2 kg 20 g sugar and 10 kg 850 g flour. Find the total weight of his purchases.

Answer 7:

Weight of Rice = 5 kg 400 g = 5.400 kg

Weight of Sugar = 2 kg 20 g = 2.020 kg

Weight of Flour = 10 kg 850 g = 10.850 kg

Total weight = 5.400 + 2.020 + 10.850 = 18.270 kg

Therefore, the total weight of Ravi's purchase = 18.270 kg.

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