

EXERCISE 7.8

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1. Find the sum in each of the following:

(i)	102.36	(ii)	0.06	(iii)	312.8
	+ 7.054		+ 4.108		+ 290.02
	+ 0.8		+ 91.5		+ 128.457
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(iv)	113.285	(v)	3.42	(vi)	18.003
	+ 6.7		+ 264.08		+ 41.7
	+ 9.34		+ 7.6		+ 10.95
	+ 30.08		+ 95.321		+ 5.057
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Solution:

(i) We know that

$$102.360 + 7.054 + 0.800 = 110.214$$

(ii) We know that

$$0.060 + 4.108 + 91.500 = 95.668$$

(iii) We know that

$$312.800 + 290.020 + 128.457 = 731.277$$

(iv) We know that

$$113.285 + 6.700 + 9.340 + 30.080 = 159.405$$

(v) We know that

$$3.42 + 264.08 + 7.6 + 95.321 = 370.421$$

(vi) We know that

$$18.003 + 41.700 + 10.950 + 5.057 = 75.710$$

2. Add the following:

(i) 41.8, 39.24, 5.01 and 62.6

(ii) 4.702, 4.2, 6.02 and 1.27

(iii) 18.03, 146.3, 0.829 and 5.324

Solution:

(i) 41.8, 39.24, 5.01 and 62.6

It can be written as

$$41.80 + 39.24 + 5.01 + 62.60 = 148.65$$

(ii) 4.702, 4.2, 6.02 and 1.27

It can be written as

$$4.702 + 4.200 + 6.020 + 1.270 = 16.192$$

(iii) 18.03, 146.3, 0.829 and 5.324

It can be written as

$$18.030 + 146.300 + 0.829 + 5.324 = 170.483$$

3. Find the sum in each of the following:

(i) $0.007 + 8.5 + 30.08$

(ii) $280.69 + 25.2 + 38$

(iii) $25.65 + 9.005 + 3.7$

(iv) $27.076 + 0.55 + 0.004$

Solution:

(i) $0.007 + 8.5 + 30.08$

It can be written as

$$0.007 + 8.500 + 30.080 = 38.587$$

(ii) $280.69 + 25.2 + 38$

It can be written as

$$280.69 + 25.20 + 38.00 = 343.89$$

(iii) $25.65 + 9.005 + 3.7$

It can be written as

$$25.650 + 9.005 + 3.700 = 38.355$$

(iv) $27.076 + 0.55 + 0.004$

It can be written as

$$27.076 + 0.550 + 0.004 = 27.630$$

4. Radhika's mother gave her Rs 10.50 and her father gave her Rs 15.80, find the total amount given to Radhika by her parents.

Solution:

Amount given by Radhika's mother = Rs 10.50

Amount given by Radhika's father = Rs 15.80

So the total amount given by her parents = Rs 10.50 + Rs 15.80 = Rs 26.30

Hence, the total amount given by her parents is Rs 26.30.

5. Rahul bought 4 kg 90 g apples, 2 kg 60 g of grapes and 5 kg 300 g of mangoes. Find the weight of the fruits he bought in all.

Solution:

Weight of apples bought by Rahul = 4 kg 90 g = 4.090 kg

Weight of grapes bought by Rahul = 2 kg 60 g = 2.060 kg

Weight of mangoes bought by Rahul = 5 kg 300 g = 5.300 kg

So the weight of all the fruits = $4.090 + 2.060 + 5.300 = 11.450$ kg

Hence, the weight of the fruits bought by Rahul is 11.450 kg.

6. Nasreen bought 3 m 20 cm cloth for her shirt and 2 m 5 cm cloth for skirt. Find the total cloth bought by her.

Solution:

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

Cloth bought by Nasreen for skirt = 2 m 50 cm = 2.05 m

So the total cloth bought by her = $3.20 + 2.05 = 5.25$ m = 5 m 25 cm

Hence, the total cloth bought by her is 5 m 25 cm.

7. Sunita travels 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?

Solution:

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

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

Distance travelled by Sunita by foot = 500 m = 0.500 km

So the distance from residence to school = $15.268 + 7.007 + 0.500 = 22.775$ km

Hence, the distance from her residence to school is 22.775 km.