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1. Add:

- (a) 32 m 25 cm and 15 m 36 cm
- (b) 85 km 347 m and 97 km 869 m
- (c) 21 km 198 m 65 cm, 45 km 526 m 32 cm and 26 km 369 m 28 cm
- (d) 44 km 29 m 5 cm, 13 km 110 m 38 cm and 9 km 5 m 17 cm

Solution 1:- (a) 32 m 25 cm and 15 m 36 cm

	m	cm
		1
	3 2	2 5
+	1 5	3 6
	4 7	6 1

Thus, 32 m 25 cm + 15 m 36 cm = 47 m 61 cm

(d) 44 km 29 m 5 cm; 13 km 110 m 38 cm and 9 km 5 m 17 cm

	km	m	cm
	1	1	2
	4 4	0 2 9	0 5
	1 3	1 1 0	3 8
+	0 9	0 0 5	1 7
	6 6	1 4 4	6 0

Thus, 44 km 29 m 5 cm + 13 km 110 m 38 cm + 9 km 5 m 17 cm

= 66 km 144 m 60 cm

In Q1. (b) and (c) are homework

2. Subtract:

- (a) 14 m 25 cm from 65 m 56 cm (b) 27 km 247 m from 52 km 369 m
- (c) 25 m 42 cm from 38 m 11 cm

km

(d) 13 km 586 m from 98 km 345 m

Solution 2:-(b) 27 km 247 m from 52 km 369 m

369 52 247 27 2 5

m

Thus, $52 \text{ km} \quad 369 \text{ m} - 27 \text{ km} \quad 247 \text{ m} = 25 \text{ km} \quad 122 \text{ m}$

(d) 13 km 586 m from 98 km 345 m

km m 13 18 98

Thus, 98 km 345 m - 13 km 586 m = 84 km 759 m

In Q2. (a) and (c) are homework

Do this exercise in your classwork copy





1. A man travelled 7 km 500 m in the first hour, 5 km 685 m in the second hour and 2 km 123 m in the third hour. How far did he travel in the three hours?

Solution 1:- Distance travelled in first hour = 7 km 500 m nmk

Distance travelled in second hour = 5 km 685 m

Distance travelled in third hour = 2 km 123 m

Total distance travelled in three hours = 7 km 500 m + 5 km 685 m + 2 km 123 m

m
500
685 123
308

- : A man has covered 15 km 308 m in three hours.
- 2. Sudha bought 12 m 35 cm of terrycot, 8 m 38 cm of terrywool and 5 m 48 cm of silk cloth. How much cloth in all did she buy?

Solution 2:-

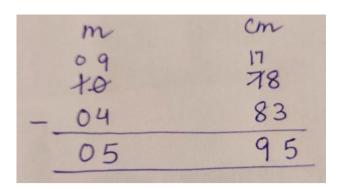
This question is homework. Do it in your classwork copy

3. A 10 m 78 cm long pole was put in a pond to measure its depth. If 4 m 83 cm of pole remains outside water, what is the depth of the pond?

Solution 3:- Total length of pole = 10 m 78 cm

Length of pole remained outside water = 4 m 83 cm

The depth of the pond = 10 m 78 cm - 4 m 83 cm



- ∴ The depth of the pond is 5 m 95 cm
- **4.** An ant went 3 m 17 cm up a tree, then it came 2 m 38 cm down. How far away was it from the starting point?

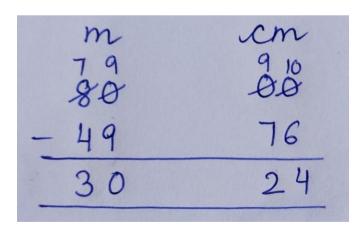
Solution 4:-

This question is homework. Do it in your classwork copy

- 5. I cut a piece of wire 49 m 76 cm long from a roll of wire 80 m long. How much wire was left in the roll?
- **Solution 5:-** Total length of wire = 80 m

Length of wire cut = 49 m 76 cm

Length of wire left = 80 m - 49 m 76 cm



: 30 m 24 cm of wire was left in the roll

Topic:-

Estimation of length along with Exercise- Self Practice 9D (page no-145) is omitted (will not come in the exam).