



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
	□
32	25
+ 15	36
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47	61

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
□	□	□
44	029	05
13	110	38
+ 09	005	17
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66	144	60

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

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

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

km

m

Handwritten subtraction on lined paper showing the calculation of 52 km 369 m minus 27 km 247 m. The km column shows 52 minus 27 equals 25. The m column shows 369 minus 247 equals 122. The final result is 25 km 122 m.

$$\begin{array}{r} 412 \\ 52 \\ - 27 \\ \hline 25 \end{array} \qquad \begin{array}{r} 369 \\ 247 \\ \hline 122 \end{array}$$

Thus, 52 km 369 m - 27 km 247 m = **25 km 122 m**

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

km

m

Handwritten subtraction on lined paper showing the calculation of 98 km 345 m minus 13 km 586 m. The km column shows 98 minus 13 equals 84. The m column shows 345 minus 586, which requires borrowing from the km column, resulting in 759. The final result is 84 km 759 m.

$$\begin{array}{r} 7 \\ 98 \\ - 13 \\ \hline 84 \end{array} \qquad \begin{array}{r} 121315 \\ 345 \\ 586 \\ \hline 759 \end{array}$$

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

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



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

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

km	m
7	500
5	685
+ 2	123
<hr/>	
15	308
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\therefore 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

m	cm
09	17
10	78
- 04	83
05	95

∴ 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

m	cm
79	910
80	00
- 49	76
30	24

∴ 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).