

STD-IV

Measurement of Length:

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compare and put sign $<$, $>$ or $=$

- a) 750 cm \square 75m
b) 4235 m \square 4km
c) 325 cm \square 4m
d) 1250 m \square $1\frac{1}{4}$ km
e) $7\frac{1}{2}$ km \square 7750m

2) Solve these problems:-

a) Rita walked 685m from her house to the school and back again. What distance did she walk in all?

b) I bought a ribbon of length 2m 5cm, my sister bought another ribbon of length 3m 95cm. What is the total length of the ribbon we both have?

c) I had $2\frac{1}{2}$ m cloth, I gave 750m cloth to Ram, how much cloth do I have now?

1. Distance covered from house to school = 685m
Distance covered when Rita back again to house = 685m
Total distance she covered = $685m \times 2$

$$= 1370m$$
$$= 1km 370m$$

	$\begin{array}{r} 685 \\ \times 2 \\ \hline 1370 \end{array}$
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Ans, She covered 1km 370m by walking in all.

Teacher's Signature

- ② Length of ribbon I bought = 2 m 5 cm
 Length of ribbon my sister bought = 3 m 95 cm

$$\begin{aligned} \text{Total Length of the ribbon} &= 2 \text{ m } 5 \text{ cm} + 3 \text{ m } 95 \text{ cm} \\ &= 6 \text{ m } 00 \text{ cm} \\ &= 6 \text{ m} \end{aligned}$$

Ans. The total length of the ribbon we both have is 6 m.

	m	cm
	2	05
	+	3 95
	6	00

- 3) Length of cloth I had = $2\frac{1}{2}$ m

As 1 m = 100 cm

$$2 \text{ m} = 2 \times 100 \text{ cm} = 200 \text{ cm}$$

$$\frac{1}{2} \text{ m} = \frac{1}{2} \times 100 \text{ cm} = 50 \text{ cm}$$

$$\begin{aligned} \text{So } 2\frac{1}{2} \text{ m} &= 200 \text{ cm} + 50 \text{ cm} \\ &= 250 \text{ cm} \end{aligned}$$

Length of cloth I had = 250 cm

Length of cloth I gave = 75 cm

Required length of cloth I have now = 250 cm - 75 cm

$$= 175 \text{ cm}$$

	250 cm
	- 75 cm
	175 cm

Ans. I have now 1 m 75 cm cloth.