

ADDITION AND SUBTRACTION OF LENGTHS

Learning objective:

- I am able to add and subtract length in metres and centimetres

Step to success:

- Write down a column for m and a column for cm.
- Add or subtract from the centimetres first, then the metres.

LET'S REMEMBER!

When you add whole numbers you start from the **ones**

$$2396 + 123 = 2519$$

$$\begin{array}{r} \leftarrow \text{Th H T O} \\ 2396 \\ + 123 \\ \hline 2519 \end{array}$$

Similarly, we subtract whole numbers you start from the **ones**

$$3041 - 1111 = 1930$$

$$\begin{array}{r} \leftarrow \text{Th H T O} \\ 3041 \\ - 1111 \\ \hline 1930 \end{array}$$

For addition in length, it is the same but we start from the cm and then the m.

We regroup to m because we know 100cm = 1 m

$$\begin{array}{r} \leftarrow \text{m cm} \\ 21 \text{ m } 82 \text{ cm} \\ + 5 \text{ m } 45 \text{ cm} \\ \hline 27 \text{ m } 47 \text{ cm} \end{array}$$

$$5 \text{ m } 45 \text{ cm} + 21 \text{ m } 82 \text{ cm} = 27 \text{ m } 47 \text{ cm}$$

Similar for subtraction in length, start from the cm and then the m

We regroup to m because we know 1 m = 100 cm

$$\begin{array}{r} \leftarrow \text{m cm} \\ 15 \text{ m } 43 \text{ cm} \\ - 9 \text{ m } 68 \text{ cm} \\ \hline 5 \text{ m } 75 \text{ cm} \end{array}$$

$$15 \text{ m } 43 \text{ cm} - 9 \text{ m } 68 \text{ cm} = 5 \text{ m } 75 \text{ cm}$$

Name: _____

Date: _____

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ADDITION OF LENGTHS

1

	m	cm
	12	40
+	18	10
	<hr/>	
	<hr/>	

2

	m	cm
	15	20
+	11	15
	<hr/>	
	<hr/>	

3

	m	cm
	10	54
+	49	69
	<hr/>	
	<hr/>	

SUBTRACTION OF LENGTHS

1

	m	cm
	14	39
-	3	14
	<hr/>	
	<hr/>	

2

	m	cm
	23	75
-	12	62
	<hr/>	
	<hr/>	

3

	m	cm
	8	15
-	3	20
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Notes: You can do your working on a separate paper for students doing online