

METRES AND KILOMETRES - MULTIPLICATION AND DIVISION

m	cm	
+1		
7	27	
		$27 \times 4 = 108 \text{ cm}$
x	4	
		$108 - 100 = 8$
29	8	
		$100 \text{ cm} = 1 \text{ m}$

↻

	m	cm	
		*100	
4	29	8	
		7	27

$4 \times 7 = 28$
 $r 1 = 100$
 $108 / 4 = 27$

EXERCISES

1. A length of a ribbon is 9 m and 23 cm. The relay race organizers need 3 of these. Calculate the length of ribbon needed.

m	cm
9	23
x	3

The length of ribbon needed is = _____

Answer = _____

2. Calculate the following:

$$\begin{array}{r} \text{m} \quad \text{cm} \\ 5 \quad 22 \\ \times \quad 4 \\ \hline \end{array}$$

a) _____

$$\begin{array}{r} \text{m} \quad \text{cm} \\ 5 \quad 20 \\ \times \quad 6 \\ \hline \end{array}$$

b) _____

$$\begin{array}{r} \text{m} \quad \text{cm} \\ 3 \quad 60 \\ \times \quad 6 \\ \hline \end{array}$$

c) _____

:

$$3 \overline{) \begin{array}{r} \text{m} \quad \text{cm} \\ 9 \quad 60 \end{array}}$$

d) _____

$$4 \overline{) \begin{array}{r} \text{m} \quad \text{cm} \\ 12 \quad 72 \end{array}}$$

e) _____

$$5 \overline{) \begin{array}{r} \text{m} \quad \text{cm} \\ 15 \quad 60 \end{array}}$$

f) _____

3. Three pieces of material of equal lengths were cut from a bolt of cloth measuring 18 m 40 cm. What was the length of each piece?

Answer = _____

MORE PRACTICE 1 - CONVERTING

1. Complete the following statements..

SORT ELEMENTS

one kilometre, centimetre, one metre, one decimetre, metre, one centimetre

a. The standard unit of length in the metric system is the _____.	
b. One of the most commonly used units smaller than the metre is the	
c. 10 millimetres are equal to	
d. 10 centimetres are equal to	
e. 100 centimetres are equal to	
f. 1000 metres are equal to	

2. Convert each of the following to millimetres.

Example: 2m 34 cm = 200cm + 34 cm = 234 cm

4 cm =

3.7 cm =

6.8 cm =

0.1 m =

0.65 m =

14.03 cm =

1 m 15 cm =

2 m 20 cm =

5 m 25 cm =