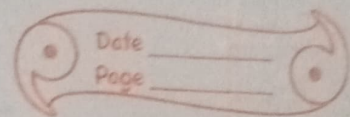


C.W
3.10.21
Wednesday
November



Measurement

Exercise - 12 (A)

1. Convert into Centimetres.

(a) $105\text{m} = 10,500\text{cm}$

$$105\text{m} = 105 \times 100\text{cm} = 10,500\text{cm}$$

(b) $4\text{m } 15\text{cm} = 415\text{cm}$

$$4\text{m } 15\text{cm} = \cancel{4 \times 100} + 4 \times 100\text{cm} = 415\text{cm}$$

(c) $212\text{m} = 21,200\text{cm}$

$$212\text{m} = 212 \times 100\text{cm} = 21,200\text{cm}$$

(d) $18\text{m } 85\text{cm} = 1,885\text{cm}$

$$18\text{m } 85\text{cm} = 18 \times 100\text{cm} + 85\text{cm} = 1,885\text{cm}$$

~~(e) $384\text{cm} =$~~

2. Convert into meters and centimeters.

$$(a) 384 \text{ cm} = 3 \text{ m } 84 \text{ cm}$$

$$384 \text{ cm} = 300 \text{ cm} + 84 \text{ cm} = 3 \text{ m } 84 \text{ cm}$$

$$(b) 12,715 \text{ cm} = 12700 \text{ cm} + 15 \text{ cm} = 127 \text{ m } 15 \text{ cm}$$

3. Convert into metres.

$$(a) 35 \text{ km} = 35,000 \text{ m}$$

$$35 \text{ km} = 35 \times 1000 \text{ m} = 35,000 \text{ m}$$

$$(b) 2 \text{ km } 375 \text{ m} = 2,375 \text{ m}$$

$$2 \text{ km } 375 \text{ m} = 2 \times 1000 \text{ m} + 375 \text{ m} =$$

$$~~2,375~~ \quad 2,375 \text{ m}$$

$$(c) 9 \text{ km } 450 \text{ m} = 9,450 \text{ m}$$

$$9 \text{ km } 450 \text{ m} = 9 \times 1000 \text{ m} + 450 \text{ m} = 9,450 \text{ m}$$

$$(d) 78 \text{ km } 044 \text{ m} = 78,044 \text{ m}$$

$$78 \times 1000 \text{ m} + 044 \text{ m} = 78,000 + 044 \text{ m} = 78,044 \text{ m}$$

4. Convert into Kilometres and metres.

(a) $1,925 \text{ m} = 1 \text{ km } 925 \text{ m}$

$$1,925 \text{ m} = 1,000 \text{ m} + 925 = 1 \text{ km } 925 \text{ m}$$

(b) $12,425 \text{ m} = 12 \text{ km } 425 \text{ m}$

$$12,425 \text{ m} = 12,000 + 425 = 12,425$$

12 km 425 m

(c) $3,125 \text{ m} = 3 \text{ km } 125 \text{ m}$

$$3,125 \text{ m} = 3000 \text{ m} + 125 \text{ m} = 3 \text{ km } 125 \text{ m}$$

(d) $25,528 \text{ m} = 25 \text{ km } 528 \text{ m}$

$$25,528 \text{ m} = 25,000 \text{ m} + 528 \text{ m} = 25 \text{ km } 528 \text{ m}$$

Exercise - 12 (B)

A. Add the following

1)

1	m	1	cm
8		7	5
12		6	5
+	4	1	5
<hr/>			
	2	5	m 55
<hr/>			

2)

1	m	1	cm
5		5	5
18		6	0
+	2	4	9
<hr/>			
	5	9	m 10
<hr/>			

3) ~~m cm~~

B. Word problems

1- Suman cycled 6km 500m in one hours and 7km 750m in the next hour. How much distance did she

Cycle altogether ?

Suman cycled total in one hour = 6 Km
500 m

Suman cycled total in next hour = 7 Km
750 m

	Km	m
Suman cycled total =	11	
	6	500
	+ 7	750
	<u>14</u>	<u>250</u>

She cycled total distance 14 Km
250 m altogether.

EX - 12 (c)

A subtract the following

1)

	m	cm
		512
	8	62
-	4	48
	<u>4</u>	<u>14</u>
	4 m	14 cm

Total length of the pipe = 5m 00cm

The length of one pipe = 2m 65cm

The length of another pipe = m cm

$$\begin{array}{r} 4 \quad 9 \text{ lo} \\ \cancel{5} \quad \cancel{00} \\ - 2 \quad 65 \\ \hline 2 \text{ m } 35 \text{ cm} \end{array}$$

2m 35 cm is the length of other pipe.