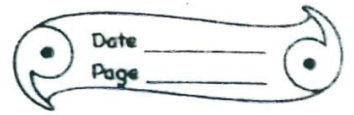


# MEASUREMENT

## Exercise - 12(A)



1. Convert into centimeters.

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

$$105\text{ m} = 105 \times 100\text{ cm} = 10500\text{ cm}$$

b)

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

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

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

$$212\text{ m} = 212 \times 100\text{ cm} = 21200\text{ cm}$$

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

$$18\text{ m } 85\text{ cm} = 18 \times 100\text{ cm} + 85\text{ cm} = 1800 + 85\text{ cm} = 1,885\text{ cm}$$

e)  $48\text{ m } 57\text{ cm} = \boxed{4857\text{ cm}}$

$$48\text{ m } 57\text{ cm} = 48 \times 100\text{ cm} + 57\text{ cm} = 4800 + 57\text{ cm} = 4857\text{ cm}$$

f)  $94\text{ m } 09\text{ cm} = \boxed{9409\text{ cm}}$

$$94\text{ m } 09\text{ cm} = 94 \times 100\text{ cm} + 09\text{ cm} = 9400 + 09\text{ cm} = 9409\text{ cm}$$

g)  $714\text{ m } 10\text{ cm} = \boxed{71410}\text{ cm}$

$$714\text{ m } 10\text{ cm} = 714 \times 100\text{ cm} + 10\text{ cm} = 71400 + 10\text{ cm} = 71410\text{ cm}$$

2. Convert into meters and centimeters

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

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

b)  $12,715 \text{ cm} = \boxed{127} \text{ m } \boxed{15} \text{ cm}$

$12,715 \text{ cm} = 127 \text{ m}$

c)  $24,367 \text{ cm} = \boxed{243} \text{ m } \boxed{67} \text{ cm}$

$24,367 \text{ cm} = 243 \text{ cm} + 67 \text{ cm} = 243 \text{ m } 67 \text{ cm}$

d)  $552 \text{ cm} = \boxed{5} \text{ m } \boxed{52} \text{ cm}$

$552 \text{ cm} = 500 \text{ cm} + 52 \text{ cm} = 5 \text{ m } 52 \text{ cm}$

e)  $746 \text{ cm} = \boxed{7} \text{ m } \boxed{46} \text{ cm}$

$746 \text{ cm} = 700 \text{ cm} + 46 \text{ cm} = 7 \text{ m } 46 \text{ cm}$

f)  $62,615 \text{ cm} = \boxed{626} \text{ m } \boxed{15} \text{ cm}$

$62,615 \text{ cm} = 60,000 \text{ cm} + 2,615 \text{ cm} = 626 \text{ m } 15 \text{ cm}$

g)  $6,250 \text{ cm} = \boxed{62} \text{ m } \boxed{50} \text{ cm}$

$6,250 \text{ cm} = 6,000 \text{ cm} + 250 \text{ cm} = 62 \text{ m } 50 \text{ cm}$

h)  $92,945 \text{ cm} = \boxed{929} \text{ m } \boxed{45} \text{ cm}$

$92,945 \text{ cm} = 90,000 \text{ cm} + 2,945 \text{ cm} = 929 \text{ m } 45 \text{ cm}$



3. Convert into meters.

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

b)  $2 \text{ km } 375 \text{ m} = \boxed{2,375 \text{ m}}$   
 $2 \text{ km } 375 \text{ m} = 2 \times 1000 \text{ m} + 375 \text{ m} = 2,000 + 375 \text{ m} = 2,375 \text{ m}$

c)  $9 \text{ km } 450 \text{ m} = \boxed{9,450 \text{ m}}$   
 $9 \text{ km } 450 \text{ m} = 9 \times 1000 \text{ m} + 450 \text{ m} = 9000 + 450 \text{ m} = 9450 \text{ m}$

d)  $78 \text{ km } 044 \text{ m} = \boxed{78,044 \text{ m}}$   
 $78 \text{ km } 044 \text{ m} = 7 \times 1000 \text{ m} + 044 \text{ m} = 7000 + 044 \text{ m} = 7044 \text{ m}$

e)  $14 \text{ km } 157 \text{ m} = \boxed{14,157 \text{ m}}$   
 $14 \text{ km } 157 \text{ m} = 14 \times 1000 \text{ m} + 157 \text{ m} = 14000 + 157 \text{ m} = 14157 \text{ m}$

f)  $91 \text{ km } 125 \text{ m} = \boxed{91,125 \text{ m}}$   
 $91 \text{ km } 125 \text{ m} = 91 \times 1000 \text{ m} + 125 \text{ m} = 91000 + 125 \text{ m} = 91125 \text{ m}$

4. Convert into meters and kilometers

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

b)  $14,725 \text{ m} = \boxed{14} \text{ km } \boxed{725} \text{ m}$   
 $14,725 \text{ m} = 14,000 \text{ m} + 725 \text{ m} = 14 \text{ km } 725 \text{ m}$

c)  $3,125 \text{ m} = \boxed{3} \text{ km } \boxed{125} \text{ m}$   
 $3,125 \text{ m} = 3,000 \text{ m} + 125 \text{ m} = 3 \text{ km } 125 \text{ m}$

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

e)  $33,409 \text{ m} = \boxed{33} \text{ km } \boxed{409} \text{ m}$   
 $33,409 \text{ m} = 33,000 + 409 = 33 \text{ km } 409 \text{ m}$

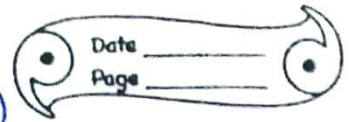
f)  $42,480 \text{ m} = \boxed{42} \text{ km } \boxed{480} \text{ m}$   
 $42,480 \text{ m} = 42,000 + 480 = 42 \text{ km } 480 \text{ m}$

g)  $6,008 \text{ m} = \boxed{6} \text{ km } \boxed{008} \text{ m}$   
 $6,008 \text{ m} = 6,000 + 008 = 6 \text{ km } 008 \text{ m}$

h)  $91,025 \text{ m} = \boxed{91} \text{ km } \boxed{025} \text{ m}$   
 $91,025 \text{ m} = 91,000 + 025 = 91 \text{ km } 025 \text{ m}$



C/W  
4.11.2024



## Exercise 12 (A)

1. Convert into centimetres.

b)  $840\text{ m } 29\text{ cm} = \boxed{84029}\text{ cm}$

$$840\text{ m } 29\text{ cm} = 840 \times 100\text{ cm} + 29\text{ cm} = 84000 + 29\text{ cm} = 84029\text{ cm}$$

3. Convert into metres.

g)  $21\text{ km } 264\text{ m} = \boxed{21264}\text{ m}$

$$21\text{ km } 264\text{ m} = 2 \times 1000 + 264\text{ m} = 2000 + 264\text{ m} = 21264\text{ m}$$

h)  $49\text{ km } 075\text{ m} = \boxed{49075}\text{ m}$

$$49\text{ km } 075\text{ m} = 4 \times 1000 + 075\text{ m} = 4000 + 075\text{ m} = 49075\text{ m}$$