

# MEASUREMENT II

classmate

Date \_\_\_\_\_

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## Exercise - 12 (a)

1. convert into centimetres

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

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

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

$$4\text{m } 15\text{ cm} = 4 \times 100\text{ cm} + 15\text{ cm} = 400 + 15\text{ cm} = 415\text{ cm}$$

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

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

~~d)  $18\text{ m } 85\text{ cm}$~~

d)  $18\text{ m } 85\text{ cm} = \underline{1885}$

$$18\text{ m } 85\text{ cm} = 18 \times 100 + 85 = 1800 + 85\text{ cm} = 1885\text{ cm}$$

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

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

$$4857\text{ cm}$$

$$p) \quad 94 \text{ m} \quad 9 \text{ cm} = \underline{9409 \text{ cm}}$$

$$94 \text{ m} \quad 9 \text{ cm} = 94 \text{ m} \times 100 + 9 \text{ cm} = 9400 + 9 = 9409$$

$$q) \quad 714 \text{ m} \quad 10 \text{ cm} = \underline{71410 \text{ cm}}$$

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

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

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

$$84029$$

2. Convert into metres and centimetres

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

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

$$b) 12715 \text{ cm} = \underline{127} \text{ m } \underline{15} \text{ cm}$$

$$12715 \text{ cm} = 12700 \text{ cm} + 15 \text{ cm} = 127 \text{ m } 15 \text{ cm}$$

$$c) 24367 \text{ cm} = \underline{243} \text{ m } \underline{67} \text{ cm}$$

$$24367 \text{ cm} = 24300 \text{ cm} + 67 \text{ cm} = 243 \text{ m } 67 \text{ cm}$$

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

~~$$e) 796 \text{ cm} =$$~~

$$d) 552 \text{ cm} = \underline{500} \text{ m } \underline{52} \text{ cm}$$

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

$$e) 796 \text{ cm} = \underline{7} \text{ m } \underline{96} \text{ cm}$$

$$796 \text{ cm} = 700 \text{ cm} + 96 \text{ cm} = 7 \text{ m } 96 \text{ cm}$$

~~$$f) 62615 \text{ cm} = 62600 \text{ cm} + 15 \text{ cm} = 626 \text{ m } 15 \text{ cm}$$~~

$$f) 62615 \text{ cm} = \underline{626} \text{ m } \underline{15} \text{ cm}$$

$$a) 6250 \text{ cm} = \underline{62} \text{ m } \underline{50} \text{ cm}$$

$$6250 \text{ cm} = 6200 \text{ cm} + 50 \text{ cm} = 62 \text{ m } 50 \text{ cm}$$

$$b) 92945 \text{ cm} = \underline{929} \text{ m } \underline{45} \text{ cm}$$

$$92945 \text{ cm} = 92900 \text{ cm} + 45 \text{ cm} = 929 \text{ m } 45 \text{ cm}$$

3. convert into metres

$$a) 35 \text{ km} = \underline{35000} \text{ m}$$

$$35 \text{ km} = 35 \text{ km} \times 1000 = 35000 \text{ m}$$

$$b) 2 \text{ km } 375 \text{ m} = \underline{2375} \text{ m}$$

$$2 \text{ km } 375 \text{ m} = 2 \times 1000 = 2000 + 375 = 2000 \text{ m } 375$$

$$\underline{2375} \text{ m}$$

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

$$\underline{9450} \text{ m} \quad 9 \times 1000 = 9000 + 450 = 9450 \text{ m}$$

$$d) 78 \text{ km } 044 \text{ m} = \underline{78044} \text{ m} = 78 \times 1000 +$$

$$78000 \text{ m} + 044 \text{ m} = \underline{78044} \text{ m}$$

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

$$+ 157 = \underline{14157}$$

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

$$125 = \underline{91125} \text{ m}$$

g)  $21 \text{ km } 264 \text{ m} = \underline{21264 \text{ m}} = 21 \times 1000 + 264 = 21000 + 264 = 21264 \text{ m}$

b)  $49 \text{ km } 075 \text{ m} = \underline{49075 \text{ m}} = 49 \times 1000 + 075 = 49000 + 075 = 49075 \text{ m}$

4. convert in kilometres and metres

a)  $1925 \text{ m} = \underline{1 \text{ km } 925 \text{ m}}$

$1925 \text{ m} = 1925 \div 1000 = 1 \text{ km } 925 \text{ m}$

b)  $14725 \text{ m} = \underline{14 \text{ km } 725 \text{ m}}$

$14725 \text{ m} = 14725 \div 1000 = 14 \text{ km } 725 \text{ m}$

c)  $3125 \text{ m} = \underline{3 \text{ km } 125 \text{ m}}$

$3125 \text{ m} = 3125 \div 1000 = 3 \text{ km } 125 \text{ m}$

d)  $25528 \text{ m} = \underline{25 \text{ km } 528 \text{ m}}$

~~25528~~  $25528 = 25528 \div 1000 = 25 \text{ km } 528 \text{ m}$

e)  $33409 \text{ m} = \underline{33 \text{ km } 409 \text{ m}}$

$33409 \text{ m} = 33409 \div 1000 = 33 \text{ km } 409 \text{ m}$

f) ↙

$$f) 42480_m = \underline{42} \text{ km } \underline{480} \text{ m}$$

$$42480_m = 42480 \div 1000 = 42 \text{ km } 480 \text{ m}$$

$$g) 6,008_m = \underline{6} \text{ km } \underline{008} \text{ m}$$

$$6008_m = 6008 \div 1000 = 6 \text{ km } 008 \text{ m}$$

$$h) 91025_m = \underline{91} \text{ km } \underline{025} \text{ m}$$

$$91025_m = 91025 \div 1000 = 91 \text{ km } 025 \text{ m}$$