

(CHAPTER = 7)
(DECIMAL)

(EXERCISE = 7C)

① Express these measurements as decimals.

(a) 3m 45cm

Change the cm into meter.

$$3\text{m} + 45 \times \frac{1}{100} \text{m}$$

$$3\text{m} + 45 \times 0.01\text{m}$$

$$3 + 0.45\text{m}$$

$$3.45\text{m}$$

Ans.

② 4m 7cm

Change the cm into meter

$$4\text{m} + 7 \times \frac{1}{100} \text{m}$$

$$4\text{m} + 7 \times 0.01\text{m}$$

$$4 + 0.07\text{m}$$

$$4.07\text{m}$$

Ans.

(c) $1\text{m } 12\text{cm}$

Change the cm into meters

$$1\text{m} + 12 \times \frac{1}{100}\text{m}$$

$$1\text{m} + 12 \times 0.01\text{m}$$

$$1 + 0.12\text{m}$$

$$1.12\text{m} \text{ Ans}$$

d) $2\text{km } 340\text{m}$

Change the meters into kilo meters

$$2\text{km} + 340 \times \frac{1}{1000}\text{km}$$

$$2\text{km} + 340 \times 0.001\text{km}$$

$$2 + 0.340 \text{ km}$$

$$2.340 \text{ km Ans}$$

$$(e) \quad 1 \text{ km } 45 \text{ m}$$

change the meter into kilo meter

$$1 \text{ km} + 45 \times \frac{1}{1000} \text{ km}$$

$$1 \text{ km} + 45 \times 0.001 \text{ km}$$

$$1 + 0.045 \text{ km}$$

$$1.045 \text{ km Ans}$$

$$(f) \quad 5 \text{ km } 90 \text{ m}$$

$$5 \text{ km} + 90 \times \frac{1}{1000} \text{ km}$$

$$5 \text{ km} + 90 \times 0.001 \text{ km}$$

$$5 + 0.090 \text{ km}$$

$$5.090 \text{ km Ans}$$

(2) Express these measurement as decimal

(a) 6kg 300g

$$6\text{kg} + 300 \times \frac{1}{1000} \text{kg}$$

$$6\text{kg} + 300 \times 0.001 \text{kg}$$

$$6 + 0.300 \text{kg}$$

$$6.300 \text{kg} \text{ Ans}$$

(b) 9kg 125g

$$9\text{kg} + 125 \times \frac{1}{1000} \text{kg}$$

$$9\text{kg} + 125 \times 0.001 \text{kg}$$

$$9 + 0.125 \text{kg}$$

$$9.125 \text{kg} \text{ Ans}$$

(c) ~~3 kg 550 g~~ 3 kg 550 g

$$3 \text{ kg} + 550 \times \frac{1}{1000} \text{ kg}$$

$$3 \text{ kg} + 550 \times 0.001 \text{ kg}$$

$$3 + 0.550 \text{ kg}$$

$$3.550 \text{ kg} \quad \text{Ans}$$

(d) 4 l 700 ml

$$4 \text{ l} + 700 \times \frac{1}{1000} \text{ l}$$

$$4 \text{ l} + 700 \times 0.001 \text{ l}$$

$$4 + 0.700 \text{ l}$$

$$4.700 \text{ l} \quad \text{Ans}$$

(e)

$$3\text{ l } 250\text{ ml}$$

$$3\text{ l} + 250 \times \frac{1}{1000} \text{ l}$$

$$3\text{ l} + 250 \times 0.001 \text{ l}$$

$$3 + 0.250 \text{ l}$$

$$3.250 \text{ l Ans}$$

(f)

$$2\text{ l } 985\text{ ml}$$

$$2\text{ l} + 985 \times \frac{1}{1000} \text{ l}$$

$$2\text{ l} + 985 \times 0.001 \text{ l}$$

$$2 + 0.985 \text{ l}$$

$$2.985 \text{ l Ans}$$