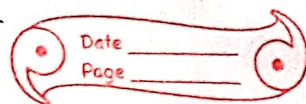


ch-12-measurement

Exercise 12CA



1. convert into centimeters

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

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

$$4 \text{ m } 15 \text{ cm} = 415 \text{ cm}$$

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

$$400 + 15 \text{ cm} = 415 \text{ cm}$$

2. convert into metres and centimetres

metres

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

$$384 \text{ cm} = 300 \text{ cm} + 84 \text{ cm} = 34$$

$$84 \text{ cm}$$

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

$$12,715 \text{ cm} = 12700 \text{ cm} + 15 \text{ cm} =$$

$$127 \text{ m } 15 \text{ cm}$$

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

$$2 \times 1000 = 2000 + 375 \text{ m} = 2375$$

4. convert into kilometres and metres

1c. $212\text{ m} = 21,200\text{ cm}$

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

d. $18\text{ m } 85\text{ cm} = 18,85\text{ cm}$

$$18\text{ m } 85\text{ cm} = 18 \times 100 = 18,000 + 85\text{ cm}$$

~~18,85 cm~~ $18,85\text{ cm}$

e. $48\text{ m } 57\text{ cm} = 4,857\text{ cm}$

$$48\text{ m } 57\text{ cm} = 48 \times 100 = 4,800 + 57\text{ cm} =$$

$$4,857\text{ cm}$$

b. $94\text{ m } 09\text{ cm} = 9,409$

$$94\text{ m } 09\text{ cm} = 94 \times 100 = 9,400 + 09\text{ cm}$$

$$= 9,409\text{ cm}$$