

## Length

A. Fill in the blanks with “m” (metre), “cm” (centimetre), or “km” (kilometre).



(1)

The Andes Mountain Range in South America is about 7,000 \_\_\_\_\_ long.



(2)

A freight train in Europe is about 750 \_\_\_\_\_ long.



(3)

A commercial jet airplane typically cruises at altitudes of at least 9 \_\_\_\_\_.



(4)

A mobile flip phone decreases to about 8.5 \_\_\_\_\_ long when folded.



(5)

A birch tree is typically 10 \_\_\_\_\_ tall.



(6)

A medium-sized luggage is about 60 \_\_\_\_\_ in height.

B. Compare and order the heights.



Guoco Tower  
290 m



Raffles Hotel  
158 m



Marina Bay Sands  
200 m

- (1) The Guoco Tower is \_\_\_\_\_ m taller than the Marina Bay Sands.
- (2) The Raffles Hotel is \_\_\_\_\_ m shorter than the Marina Bay Sands.
- (3) The Guoco Tower is \_\_\_\_\_ m taller than the Raffles Hotel.
- (4) Arrange the structures according to their heights.

\_\_\_\_\_

shortest

C. Write in centimetres.

(1) 7 m = \_\_\_\_\_ cm

(2) 10 m = \_\_\_\_\_ cm

(3) 4 m 27 cm = \_\_\_\_\_ m \_\_\_\_\_ cm  
= \_\_\_\_\_ cm + \_\_\_\_\_ cm  
= \_\_\_\_\_ cm

$$\begin{aligned}(4) \quad 8 \text{ m } 3 \text{ cm} &= \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ cm} \\ &= \underline{\hspace{2cm}} \text{ cm} + \underline{\hspace{2cm}} \text{ cm} \\ &= \underline{\hspace{2cm}} \text{ cm}\end{aligned}$$

$$(5) \quad 3 \text{ m } 40 \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$$

$$(6) \quad 11 \text{ m } 35 \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$$

$$(7) \quad 20 \text{ m } 8 \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$$

D. Write in metres and centimetres.

$$(1) \quad 500 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$$

$$(2) \quad 900 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$$

$$(3) \quad 1400 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$$

$$\begin{aligned}(4) \quad 316 \text{ cm} &= \underline{\hspace{2cm}} \text{ cm} + \underline{\hspace{2cm}} \text{ cm} \\ &= \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ cm}\end{aligned}$$

$$\begin{aligned}(5) \quad 925 \text{ cm} &= \underline{\hspace{2cm}} \text{ cm} + \underline{\hspace{2cm}} \text{ cm} \\ &= \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ cm}\end{aligned}$$

$$\begin{aligned}(6) \quad 1048 \text{ cm} &= \underline{\hspace{2cm}} \text{ cm} + \underline{\hspace{2cm}} \text{ cm} \\ &= \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ cm}\end{aligned}$$

$$(7) \quad 239 \text{ cm} = \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ cm}$$

$$(8) \quad 1072 \text{ cm} = \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ cm}$$

$$(9) \quad 705 \text{ cm} = \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ cm}$$

E. Write in metres.

$$(1) \quad 3 \text{ km} = \underline{\hspace{2cm}} \text{ m}$$

$$(2) \quad 8 \text{ km} = \underline{\hspace{2cm}} \text{ m}$$

$$(3) \quad 17 \text{ km} = \underline{\hspace{2cm}} \text{ m}$$

$$(4) \quad 30 \text{ km} = \underline{\hspace{2cm}} \text{ m}$$

$$\begin{aligned}(5) \quad 2 \text{ km } 405 \text{ m} &= \underline{\hspace{2cm}} \text{ km} + \underline{\hspace{2cm}} \text{ m} \\ &= \underline{\hspace{2cm}} \text{ m} + \underline{\hspace{2cm}} \text{ m} \\ &= \underline{\hspace{2cm}} \text{ m}\end{aligned}$$

$$\begin{aligned}(6) \quad 6 \text{ km } 78 \text{ m} &= \underline{\hspace{2cm}} \text{ km} + \underline{\hspace{2cm}} \text{ m} \\ &= \underline{\hspace{2cm}} \text{ m} + \underline{\hspace{2cm}} \text{ m} \\ &= \underline{\hspace{2cm}} \text{ m}\end{aligned}$$

$$\begin{aligned}(7) \quad 20 \text{ km } 830 \text{ m} &= \underline{\hspace{2cm}} \text{ km} + \underline{\hspace{2cm}} \text{ m} \\ &= \underline{\hspace{2cm}} \text{ m} + \underline{\hspace{2cm}} \text{ m} \\ &= \underline{\hspace{2cm}} \text{ m}\end{aligned}$$

$$(8) \quad 4 \text{ km } 12 \text{ m} = \underline{\hspace{2cm}} \text{ m}$$

$$(9) \quad 8 \text{ km } 319 \text{ m} = \underline{\hspace{2cm}} \text{ m}$$

$$(10) \quad 10 \text{ km } 428 \text{ m} = \underline{\hspace{2cm}} \text{ m}$$

F. Write in kilometres and metres.

$$(1) \quad 5000 \text{ m} = \underline{\hspace{2cm}} \text{ km}$$

$$(2) \quad 9000 \text{ m} = \underline{\hspace{2cm}} \text{ km}$$

$$(3) \quad 13000 \text{ m} = \underline{\hspace{2cm}} \text{ km}$$

$$\begin{aligned}(4) \quad 2415 \text{ m} &= \underline{\hspace{2cm}} \text{ m} + \underline{\hspace{2cm}} \text{ m} \\ &= \underline{\hspace{2cm}} \text{ km } \underline{\hspace{2cm}} \text{ m}\end{aligned}$$

$$\begin{aligned}(5) \quad 6083 \text{ m} &= \underline{\hspace{2cm}} \text{ m} + \underline{\hspace{2cm}} \text{ m} \\ &= \underline{\hspace{2cm}} \text{ km } \underline{\hspace{2cm}} \text{ m}\end{aligned}$$

$$\begin{aligned}(6) \quad 11208 \text{ m} &= \underline{\hspace{2cm}} \text{ m} + \underline{\hspace{2cm}} \text{ m} \\ &= \underline{\hspace{2cm}} \text{ km } \underline{\hspace{2cm}} \text{ m}\end{aligned}$$

$$(7) \quad 7500 \text{ m} = \underline{\hspace{2cm}} \text{ km } \underline{\hspace{2cm}} \text{ m}$$

(8)  $1209 \text{ m} = \underline{\hspace{2cm}} \text{ km } \underline{\hspace{2cm}} \text{ m}$

(9)  $18310 \text{ m} = \underline{\hspace{2cm}} \text{ km } \underline{\hspace{2cm}} \text{ m}$

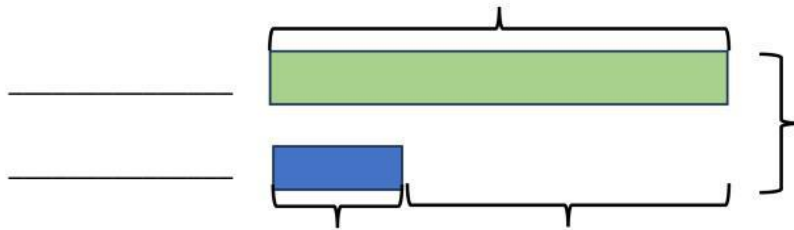
(10)  $30045 \text{ m} = \underline{\hspace{2cm}} \text{ km } \underline{\hspace{2cm}} \text{ m}$

G. Word Problems

(1) Ribbon A is 378 cm long.

Ribbon B is 112 cm shorter than Ribbon A.

- a. How long is Ribbon B?
- b. What is the total length of both ribbons?



a.  $\underline{\hspace{2cm}} \bigcirc \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

Ribbon B is  $\underline{\hspace{2cm}}$  long.

b.  $\underline{\hspace{2cm}} \bigcirc \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

The total length of both ribbons is  $\underline{\hspace{2cm}}$ .

(2) Alex jogs 5 days a week.

He jogs 3000 m a day.

How many metres does Alex jog in a week?

$\underline{\hspace{2cm}} \bigcirc \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

Alex jogs  $\underline{\hspace{2cm}}$  in a week.