

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 m = _____ km _____ m

(9) 18310 m = _____ km _____ m

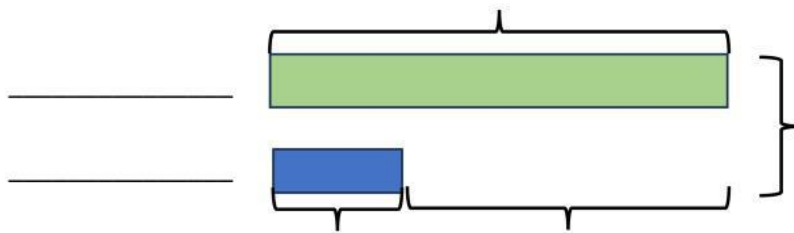
(10) 30045m = _____ km _____ m

G. Word Problems

(1) Ribbon A is 378 cm long.

Ribbon B is 112 cm shorter than Ribbon A.

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



a. _____ ○ _____ = _____

Ribbon B is _____ long.

b. _____ ○ _____ = _____

The total length of both ribbons is _____.

(2) Alex jogs 5 days a week.

He jogs 3000 m a day.

How many metres does Alex jog in a week?

_____ ○ _____ = _____

Alex jogs _____ in a week.