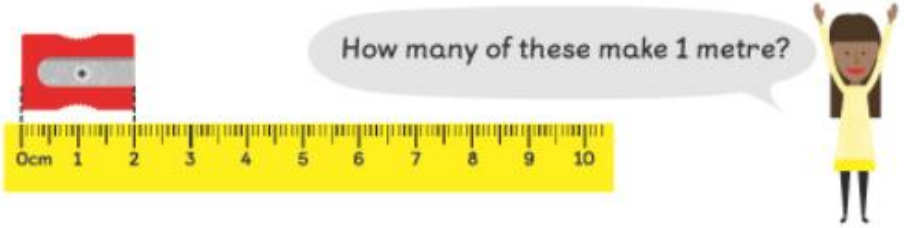
Writing length in m and cm

Guided Practice

1 What is the length of the sharpener in centimetres? ☐ cm



2 What is the length of the toy minivan in metres and centimetres?

☐ m ☐ cm

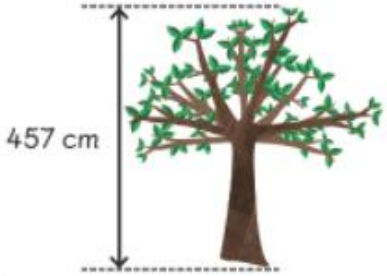
3 Arrange 6 books to form a long row on the floor.

The length of the books is ☐ cm.

It is ☐ m ☐ cm long.

4 What is the height of the tree in metres and centimetres?

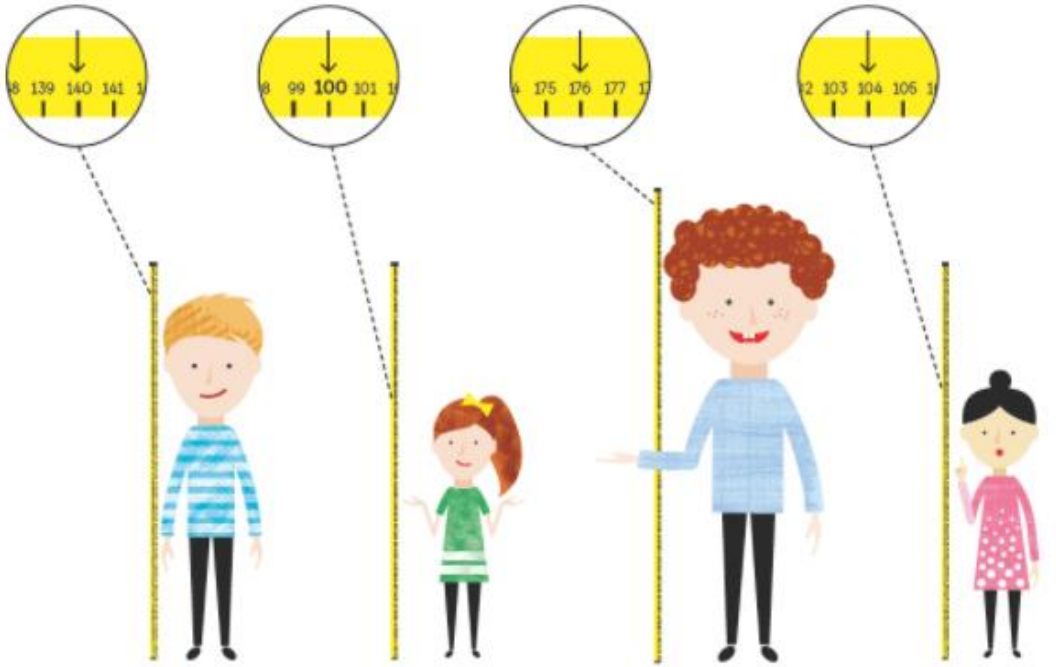
457 cm = ☐ m ☐ cm



Writing length in cm

Guided Practice

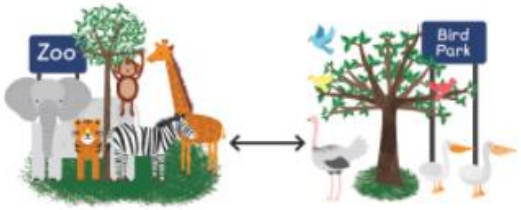
How tall is each person in centimetres?



Writing Length in Metres

Lesson 3

In Focus

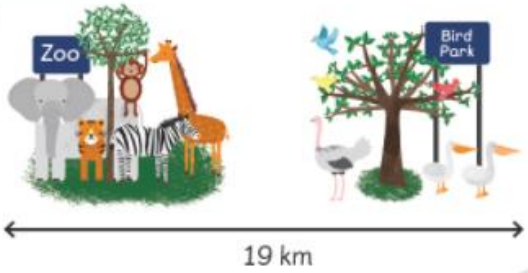


Distance is used to describe the length between one place and another.

What is the distance between the zoo and the bird park?

Let's Learn

1



The distance between the zoo and the bird park is about 19 **kilometres**. We write km for kilometre.

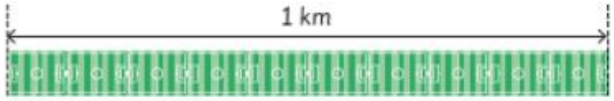
1 kilometre is the same as 1000 metres.

1 km = 1000 m

Kilometre, or km, is another unit of length. We use km for long distances.

2 The length of the football pitch is 100 m.

The length of 10 football pitches is about 1000 m or 1 km.

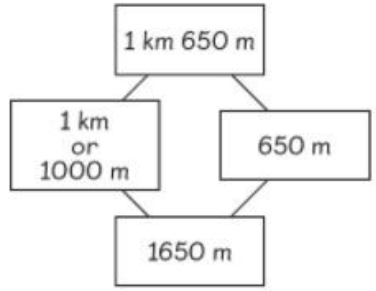


Do you know a place that is about 1 km away from your school? How can you tell the distance from your school to that place?

3

The distance from the cable car station to the mountain top is 1 km 650 m.
The distance is more than 1 km.

1 km 650 m = 1000 m + 650 m
= 1650 m



Guided Practice

1 Write in metres.

(a) 1 km 400 m = _____ m

(b) 3 km 45 m = _____ m

(c) 5 km 5 m = _____ m

2 Look at the map and answer the questions.

(a) The distance between Sam's house and the _____ is the shortest.

(b) The distance between the skatepark and Sam's house is _____ m.

(c) Sam needs to travel _____ km _____ m from his house to the shopping mall.

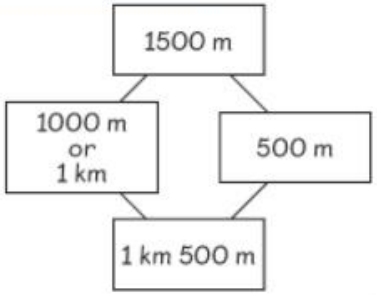
Writing Length in Kilometres and Metres

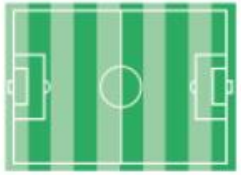
Lesson 4

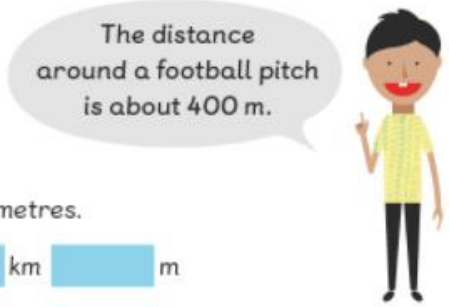
In Focus

Ravi won a race.
He ran 1500 m.
What was the distance Ravi ran in kilometres and metres?

Let's Learn







Guided Practice

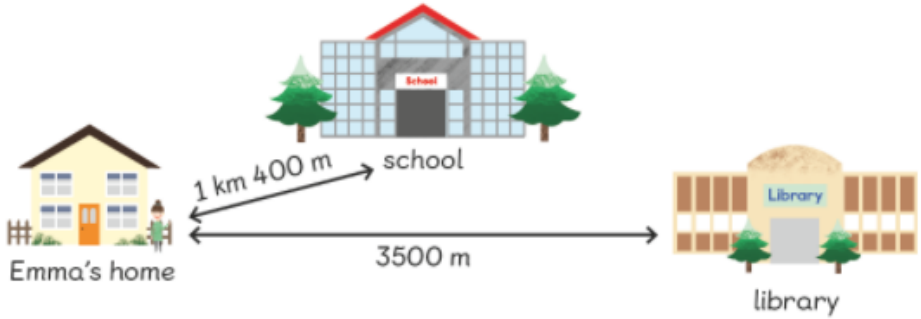
1 Write in kilometres and metres.

(a) 2350 m = ____ km ____ m

(b) 4010 m = ____ km ____ m

(c) 6007 m = ____ km ____ m

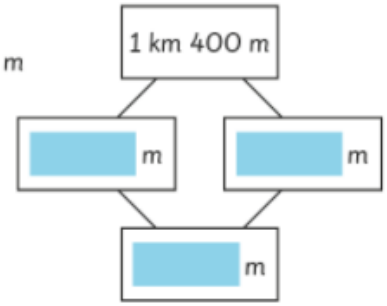
2



(a) What is the distance between Emma's home and her school in metres?

1 km 400 m = ____ m + ____ m

= ____ m

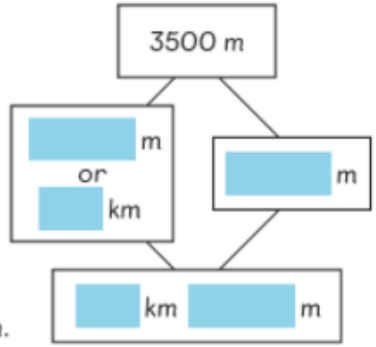


The distance between Emma's home and her school is ____ m.

(b) What is the distance between Emma's home and the library in kilometres and metres?

3500 m = ____ m + ____ m

= ____ km ____ m



The distance between Emma's home and the library is ____ km ____ m.

Comparing Length

Lesson 5

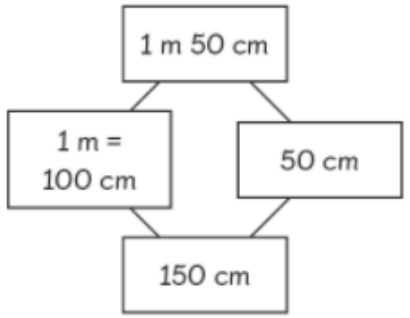
In Focus

name	height
Hannah	155 cm
Charles	1 m 50 cm
Lulu	105 cm
Elliott	1 m 60 cm
Holly	98 cm

Who is taller? Charles or Lulu?

Let's Learn

Method 1

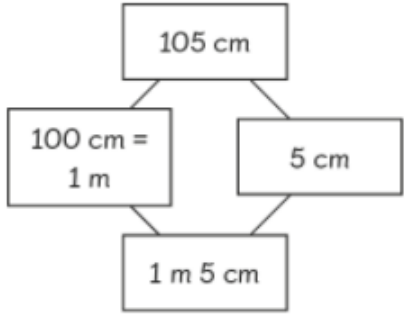


is 150 cm.

is 105 cm.

is taller.

Method 2



name	height
Charles	1 m 50 cm
Lulu	1 m 5 cm

is taller.

Guided Practice

1

I ran 2 km 45 m.

Ruby

I ran 2450 m.

Amira

Who ran a longer distance?

2 Sam ran 5 km 80 m last week.
This week he ran 5800 m.
Next week, he plans to run 580 m.

Which distance is longer?

580 m or 5800 m?

5 km 80 m or 5800 m?

Complete Worksheet **5** • Page **150** – **151**

Solving Word Problems

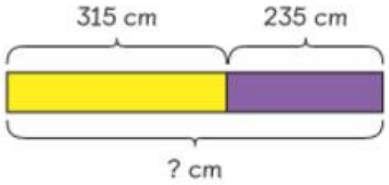
Lesson 6

In Focus

Ravi used a wooden board with the length of 315 cm to make a bookshelf.
He used another wooden board with the length of 235 cm to make a shoe rack.
What was the total length of the wooden boards used?

Let's Learn

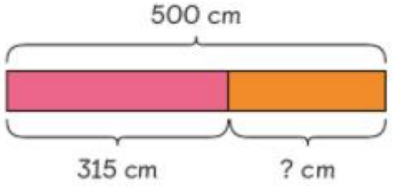
1



315 + 235 = 550

The total length of wooden boards used was 550 cm.

2 Charles used 315 cm from a piece of wooden board that was 500 cm long.
How long was the piece left over?

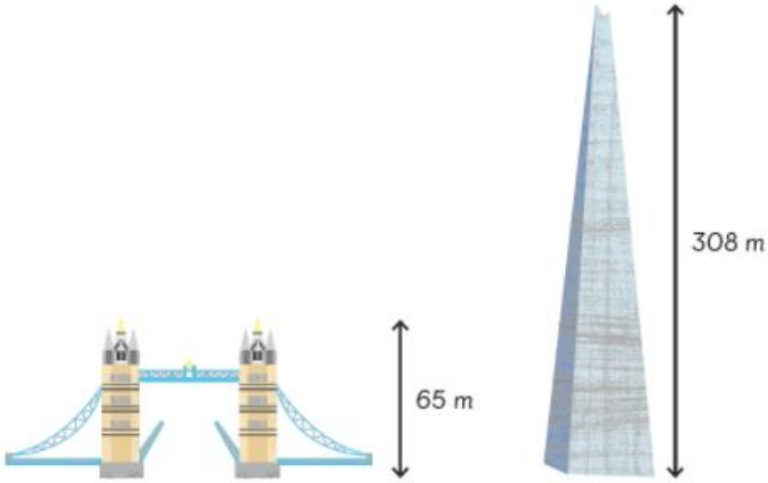


500 − 315 = 185

The piece left over was 185 cm long.

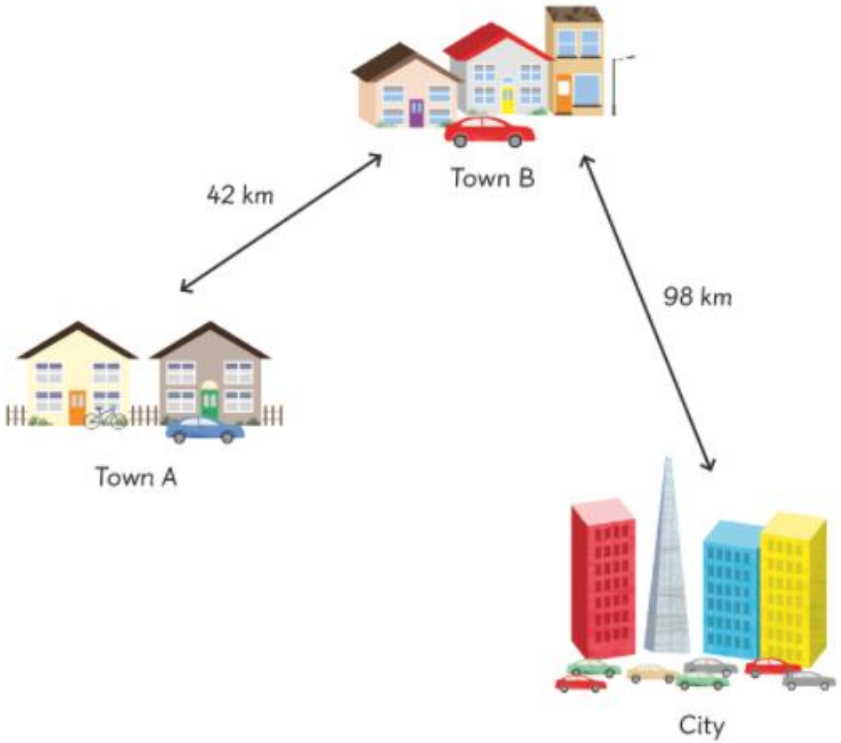
Guided Practice

1



How much taller is the Shard than Tower Bridge?

2



Emma travels from Town A to the City, passing through Town B.
Find the total distance she travels.

Solving Word Problems

Lesson 7

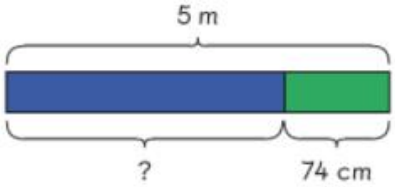
In Focus

Hannah had 5 m of yarn.
She used 74 cm of it.

How much yarn did Hannah have left?

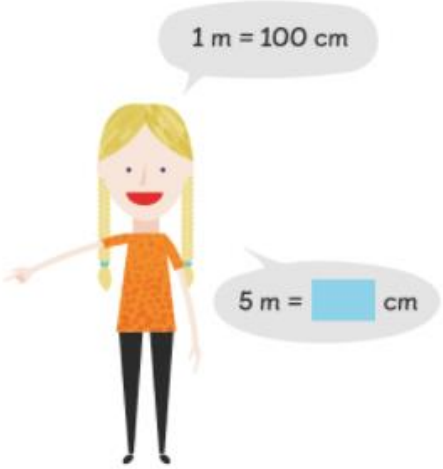
Let's Learn

Method 1

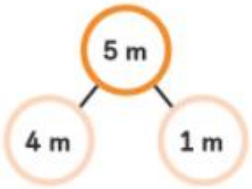


500 − 74 = 426

She had 426 cm of yarn left.



Method 2



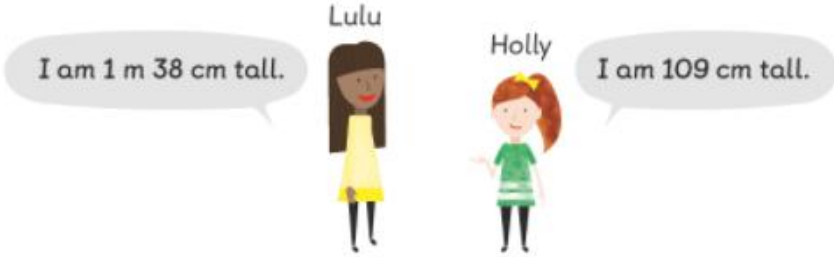
100 − 74 = 26

She had 4 m 26 cm of yarn left.

Guided Practice

1. A piece of red ribbon is 1 m long.
   A piece of blue ribbon is 89 cm long.
   Find their total length in centimeters.

2. Elliott had a 3 m rope.
   He used some and had 64 cm of it left.
   How much rope did he use?

3. 

How much taller is than ?