

**Warm up!**

**Change the following into just cm:**

$$1 \text{ m } 54 \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$$

$$2 \text{ m } 33 \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$$

$$5 \text{ m } 21 \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$$

$$4 \text{ m } 67 \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$$



**Remember:**  
**100cm = 1m**

Friday

Solving word problems in m and cm.

In Focus

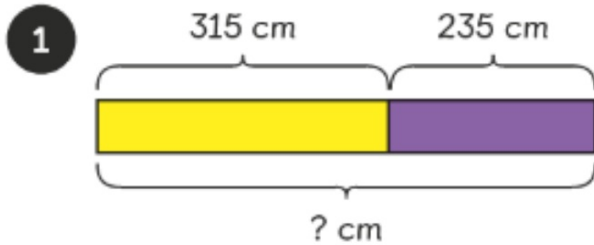
Watch "Video 1"



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



$$315 + 235 = \underline{\hspace{2cm}} \text{ cm}$$

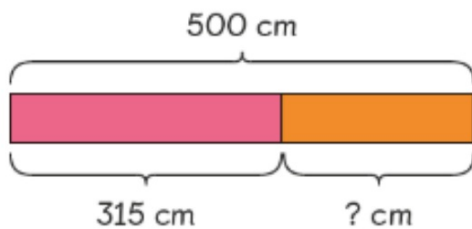
The total length of wooden boards used was            cm

This is like a  
part whole  
model.

How would I calculate the answer?

2

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



This is also  
like a part  
whole model.

$$500 - 315 = \underline{\hspace{2cm}} \text{ cm}$$

The piece left over was            cm long

How would I calculate the answer?

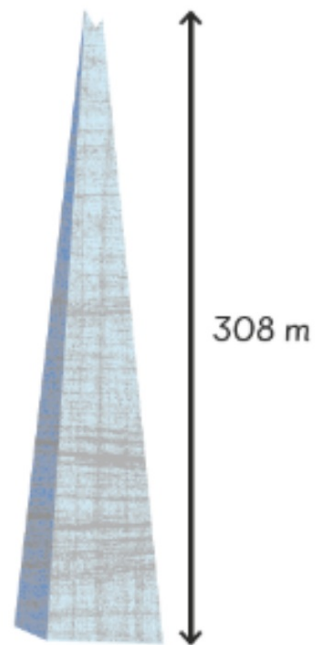
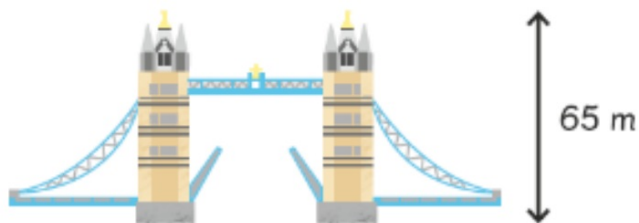
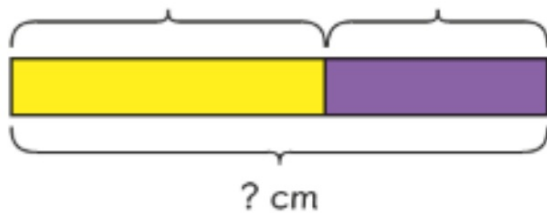
Watch "video 2".

## Guided Practice

## Watch "Video 3"

1

Draw a bar model to show your working out.



How much taller is the Shard than Tower Bridge?

## Watch "Video 4"

2.

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

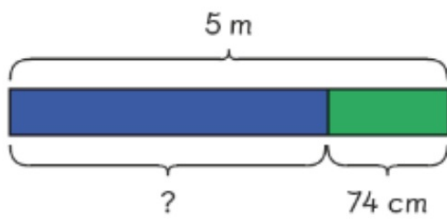


How much yarn did Hannah have left?

How would we calculate this?

## Let's Learn

Method 1



$$500 - 74 = 426$$

She had 426 cm of yarn left.

1 m = 100 cm



5 m =  cm

## Task: Complete the following questions:

- 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

I am 1 m 38 cm tall.

Lulu



Holly



I am 109 cm tall.

How much taller is  than  ?

You can download  
these off the Virtual  
School!