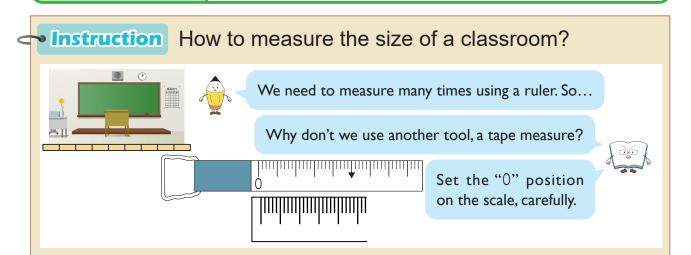
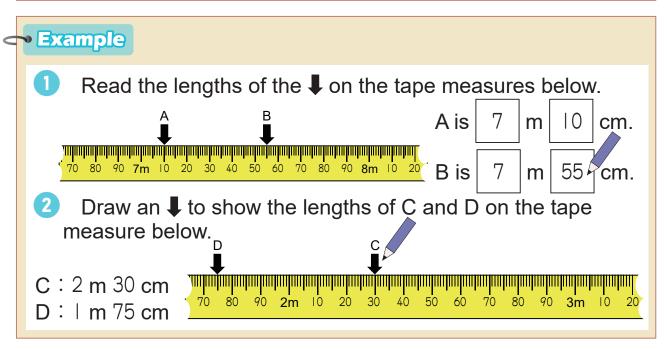
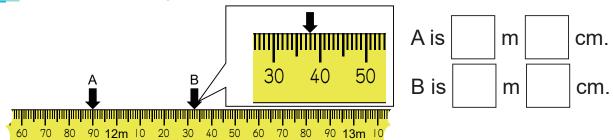
5 - 1 Length

#### **Tape Measure**





Read the lengths of the ↓ on the tape measures below.



Draw an 

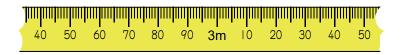
to show the lengths of C, D and E on the tape measure below.

Draw an 

to show the lengths of C, D and E on the tape measure below.

C: 2 m 50 cm D: 2 m 80 cm

E:3 m 50 cm

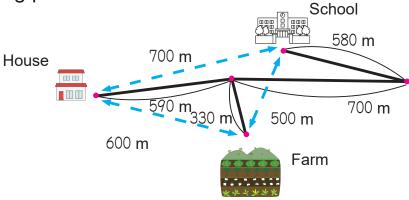


Length

#### **Direct Distance and Travel Distance**

What is the length in metres of a straight line from **Example** a boy's house to the school? What is the length in metres of the side streets from the house to the hospital? House 1 The length of a straight line between two places is called "direct distance." And the length along streets between two places is called "travel distance." Travel 560 m 300 m **Distance** School 150 m 400 m Travel distance is Direct distance is 560 850 m

What is the direct distance and the travel distance between the following places?



Between the house and the farm.

Travel distance is Direct distance is m.

m.

Between the farm and the school.

Direct distance is

Travel distance is m.

m.

Between the house and the school.

Direct distance is

m.

Travel distance is

m.

Length

### **Units of Long Length**

Example 1 Convert the lengths.

$$1050 \text{ m} = \boxed{1 \text{ km}} \boxed{50 \text{ m}}.$$

1000 m is the same as 1 kilometer and it can be written.



m

Example 2 Convert the lengths to m / km and m.

1 
$$2 \text{ km} = 2000 \text{ m}$$

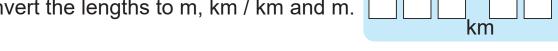
 $\mid$  km 400 m =1400 m

| km = | 000 m| m = | 00 cm || cm = | 0 mm

This is a tip for conversion.

Fill "0" in the blanks 2000 m

Convert the lengths to m, km / km and m.



1 1000 m = 
$$| km |$$

3 
$$1200 \text{ m} = \boxed{km} \boxed{m}$$
 4  $2650 \text{ m} = \boxed{km}$  m

5 
$$3776 \text{ m} = \boxed{ km } \boxed{ m 6 } 8848 \text{ m} = \boxed{ km } \boxed{ m}$$

$$7 \quad 3 \text{ km } 900 \text{ m} = \boxed{\text{m}}$$

8 5 km 350 m = 
$$m$$

$$9 7 km 40 m = m$$

$$0 6 \text{ km } 5 \text{ m} = \boxed{\text{m}}$$

$$12 \mid \text{km } 2 \text{ m} = \boxed{\text{m}}$$

## Length 4

#### **Various Units of Length**

<ul><li>Example</li></ul>	Fill in the		with the appropriate	unit of	length.
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The length of a pencil.

15 cm

The thickness of a notebook.

mm

The distance walked in an hour.

km

Fill in the with the appropriate unit of length.

The width of a notebook.

21

The length of a classroom.

8

The length between ruled lines in a notebbook. 7

The length of a step.

60

The distance walking in an hour.

The length of a pen.

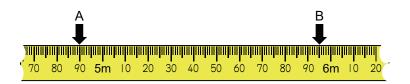
12

The width of a staple.

8

# 5 - 5 Length Review

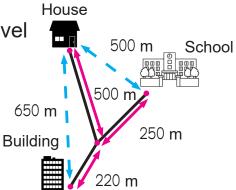
Read the lengths of the **↓** on the tape measure below.



A is m cm.



What is the direct distance and the travel distance between the following places?



Between the house and the building.

Direct distance is m

Travel distance is

	m
	111

Between the house and the school.

Direct distance is m

Travel distance is



Convert the lengths to m, km / km and m.

1 | km = m

2 3000 m = km

 $3 \mid km \, 500m = \mid m \mid$ 

 $\sqrt{4}$  5895 m = | km | m

Fill in the with the appropriate unit of length.

1 The travelling distance of a hiking trail.

15

2 The thickness of a coin.