

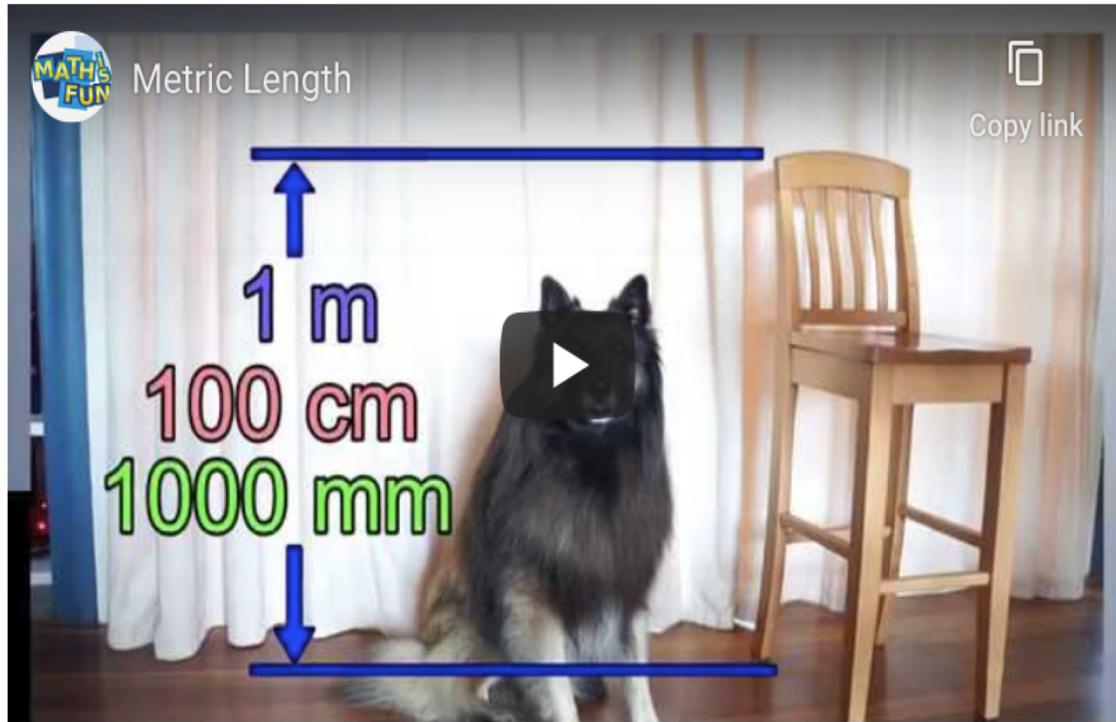
Wednesday 29th April 2020

**L.O. To understand how mm, cm, m and km are
related.**

**I understand the relationship between mm,
cm, m and km .**

**I can convert between the metric units of
length.**

**I can compare lengths recorded in different
units.**



1 cm = 10 mm
There are ten mm in a cm.

1 m = 100 cm
There are one hundred cm in a m.

1 km = 1000m
There are one thousand m in a km.

Task 1

1 There are 1,000 metres (m) in 1 kilometre (km).

Use the bar models to complete the sentences.

1 km
1,000 m

a)

1 km	1 km

 There are m in 2 km.

b)

1 km	1 km	1 km

 There are m in 3 km.

c)

1,000 m				

 There are 5,000 m in km.

2 Complete the statements.

a) 1,000 m = km

d) km = 4,000 m

b) 9,000 m = km

e) 7 km = m

c) m = 8 km

f) 3 = 3,000

Task 2

How to use a bar model
to convert between m
and km

3750 m to m



3 Complete the statements.

a) 6,000 m = km

6,100 m = km m

6,200 m = km m

6,450 m = km m

b) 4,300 m = km m

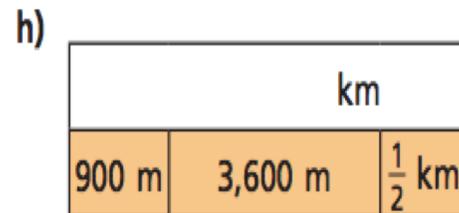
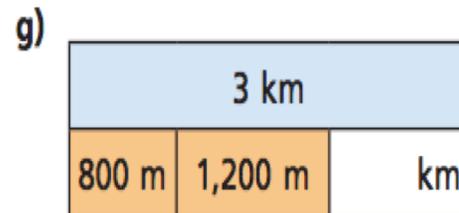
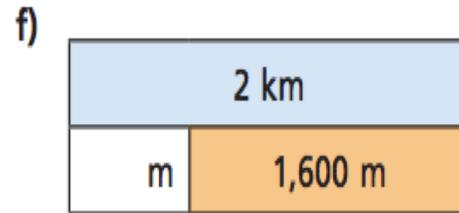
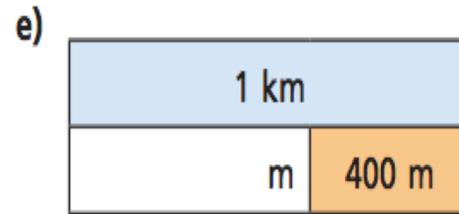
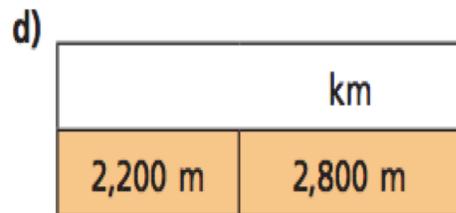
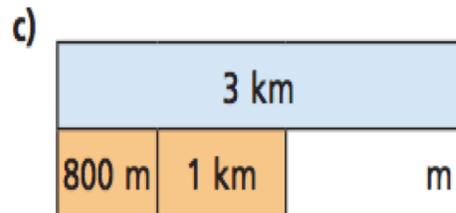
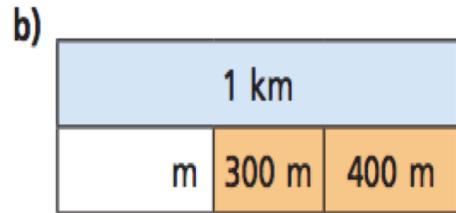
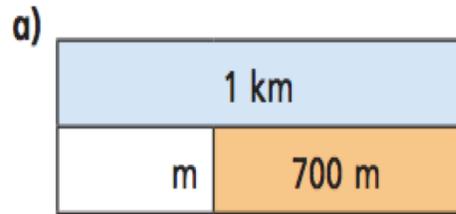
5,300 m = km m

6,300 m = km m

You can use the
bar model if it
helps!

Task 2

4 Complete the bar models.



Challenge 1

Dexter and Rosie walk 15 kilometres altogether for charity.

Rosie walks double the distance that Dexter walks.

How far does Dexter walk?

Challenge 2

Aisha lives $1\frac{1}{2}$ km away from school.

a) How many metres is that?

She walks to and from school 5 days a week.

b) Does Aisha walk more than 10 km in a week?
Show your workings.

Time to mark your work

Answers below!



Task 1

- 1 There are 1,000 metres (m) in 1 kilometre (km).
Use the bar models to complete the sentences.

1 km
1,000 m

a)

1 km	1 km
1,000m	1,000m

There are m in 2 km.

b)

1 km	1 km	1 km
1,000m	1,000m	1,000m

There are m in 3 km.

c)

1km	1km	1km	1km	1km
1,000 m				

There are 5,000 m in km.

- 2 Complete the statements.

a) 1,000 m = km d) km = 4,000 m

b) 9,000 m = km e) 7 km = m

c) m = 8 km f) 3 km = 3,000 m

Task 2

3

Complete the statements.

a) $6,000 \text{ m} =$ km

$6,100 \text{ m} =$ km m

$6,200 \text{ m} =$ km m

$6,450 \text{ m} =$ km m

b) $4,300 \text{ m} =$ km m

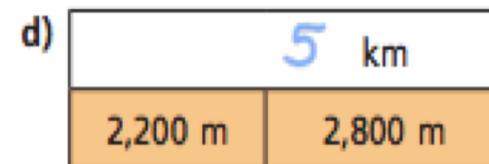
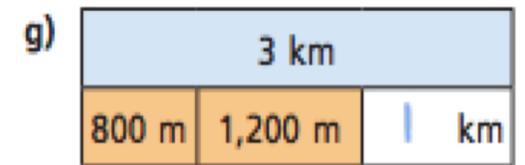
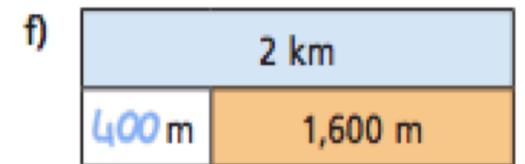
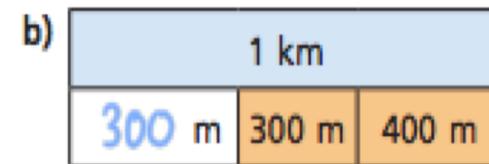
$5,300 \text{ m} =$ km m

$6,300 \text{ m} =$ km m

Task 3

4

Complete the bar models.



Challenge 1

Dexter and Rosie walk 15 kilometres altogether for charity.
Rosie walks double the distance that Dexter walks.
How far does Dexter walk?

Rosie walks 10 km.
Dexter walks 5 km.

Challenge 2

- Aisha lives $1\frac{1}{2}$ km away from school.
- a) How many metres is that?

1,500m

She walks to and from school 5 days a week.

- b) Does Aisha walk more than 10 km in a week?
Show your workings.

Yes she walks 15km in a week.

Don't forget to self assess neatly at the end! You can add a comment if you like.

Now, take a photo of your work and upload it to the homework page Maths

29.04.20!

