

Monday 8th June 2020

Understanding kilometres

Let's just remind ourselves. When we are talking about ...meters we are talking about length and distance (how long ..., how tall ..., how wide ..., how far ...). The Units used to measure lengths are:

1cm = 10mm

1m = 100cm

1km = 1000m

So, just by looking at the equivalents above you should be able to work out other equivalents and conversions. Let's practice:

2km = 2000m

15km = 15000m

2740m = 2.740km*

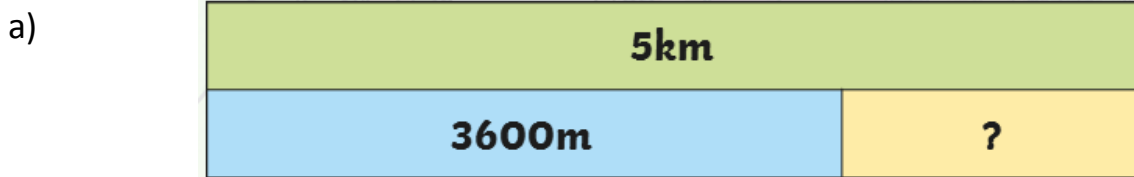
600m = 0.6km*

Let's get going!

Copy and complete the following conversions:

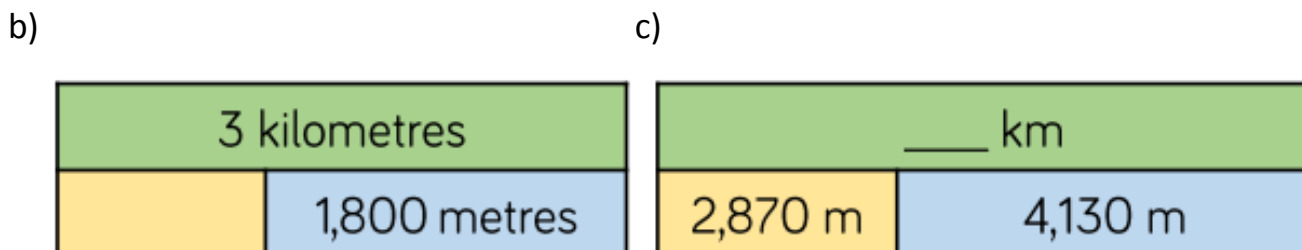
1. 5km =m
2. 12km =m
3. 90km =m
4. 2.46km =m
5. 4800m =km
6. 304m =km
7. 6302m =km
8. 5937m =km

9. Write these calculations in your book. The first one is done for you.



5km = 5000m
5000m - 3600m = 1400m
1400m = 1.4km

Grace needs to walk 1400m, or 1.4km, further to reach 5km.



10. Copy and complete these statements in your book.

500 m



$\frac{1}{2}$ km

7 km



800 m

5 km



500 m

CHALLENGE!

Work out whether each statement below is true or false and explain how you know.



	Distance Walked
Arlo	3200m
Bryony	3.7km
Chen	$\frac{1}{2}$ km
Daniel	2.8km
Eesa	3070m

Bryony and Eesa walked the same distance.

Chen walked 800m.

Arlo and Daniel walked 6km in total.

SUPER DOOPER CHALLENGE:

Use the clues below to find out how far each child swam at the school swimathon.

Explain how you worked out each answer.

	Distance in Kilometres
Arlo	
Bryony	
Chen	
Daniel	



Arlo + Bryony = 2000m
Arlo swam a quarter of this distance.

Bryony + Chen = 4200m

Chen - Arlo = Daniel