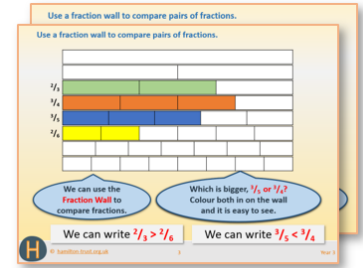


Week 14, Day 4

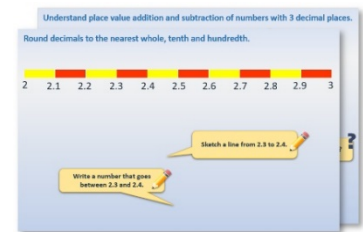
Convert between metric units.

Each day covers one maths topic. It should take you about 1 hour or just a little more.

1. If possible, watch the **PowerPoint presentation** with a teacher or another grown-up.



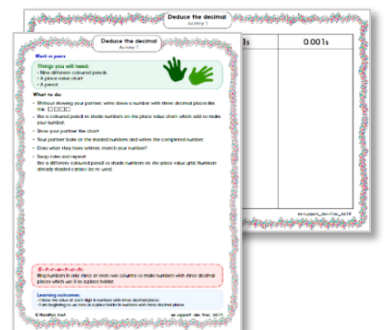
OR start by carefully reading through the **Learning Reminders**.



2. Tackle the questions on the **Practice Sheet**. There might be a choice of either **Mild** (easier) or **Hot** (harder)! Check the answers.



3. Finding it tricky? That's OK... have a go with a grown-up at **A Bit Stuck?**



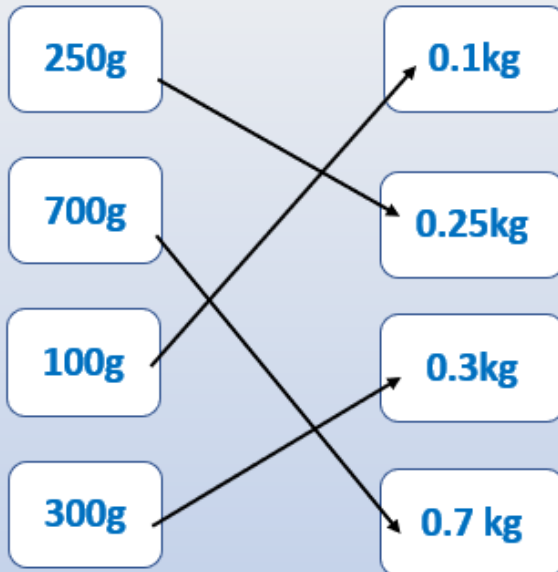
4. Think you've cracked it? Whizzed through the Practice Sheets? Have a go at the **Investigation**...

Learning Reminders

Convert between grams and kilograms, millilitres and litres, metres and kilometres.

1 kilogram = 1000 grams.

Remember that 'kilo'
means 1000.



Check the way the grams
and kilograms have been
paired up.



Learning Reminders

Convert between grams and kilograms, millilitres and litres, metres and kilometres.

1 litre = 1000 millilitres.

Remember that 'milli'
means 1000th.

Draw arrows to pair up
the litres and millilitres.



0.5 l

800ml

1.9 l

500ml

1.2 l

1200ml

0.8 l

1900ml

Watch out!
Don't
mistake the
'l' for litres
for a 1!

We have to multiply the number of
litres (left-hand numbers) by 1000 to
find the number of millilitres.

Answers

0.5 l = 500ml
1.9 l = 1900ml
1.2 l = 1200ml
0.8 l = 800ml

Learning Reminders

Convert between grams and kilograms, millilitres and litres, metres and kilometres.

1 kilometre = 1000 metres.

Write these distances
in kilometres.



1100m

2500m

800m

1250m

We have to divide each by 1000.
1100 divided by 1000 is 1.1,
so, 1100 metres is 1.1 kilometres.

Now divide the others by 1000...

Answers

1250m = 1.25km
800m = 0.8km
2500m = 2.5km
1100m = 1.1km

Practice Sheet Mild

Converting between millilitres and litres

Record the capacities of each of these bottles in litres and in millilitres, converting between each unit.

1.



1 litre

2.



800ml

3.



200ml

4.



1.5l

5.



0.5l

6.



100ml

7.



0.4l

8.



600ml

9.



1900ml

Practice Sheet Hot

Converting between millilitres and litres

Record the capacities of each of these bottles in litres and in millilitres, converting between each unit.

1.



1 litre

2.



800ml

3.



200ml

4.



1.5l

5.



0.5l

6.



100ml

7.



0.4l

8.



600ml

9.



1900ml

10.



1.8l

11.



1.2l

12.



2 litres

Challenge

Write all the capacities in order, from least to greatest.