Monday 29th June

Converting Measures

We are going to learn how to convert between different units of measure.

You need to learn some units for measuring. Which units of measure would you use to measure the following things? Match them up



Metres or kilometres



Millilitres or litres

Grams or kilograms



You need to know:

1kilograms = 1000grams

1kilometre = 1000metres

1litre = 1000millilitres

How would we work out what 1$\frac{1}{4}$ kg is in grams?



If there are 1000g in 1kg. Then in ¼ if a kg there are 250g

Add them both together.

1000g + 250g = 1250g

Watch the video for an explanation

<https://www.loom.com/share/0b2b8fedd40b46578a15f3e93a418b4b>

What is 2250ml in litres?



Watch the video for the explanation.

<https://www.loom.com/share/69d308bd31a44035baa0c28c34e89a70>

Your Turn

Complete the conversions below:

1. 5000ml = Litres
2. $\frac{1}{4}$ Litre = ml
3. $2500ml= $ Litres
4. 3250ml = Litres
5. 6.5 Litres = ml

**What about 1200ml in Litres?**

You can use your place value to convert between measures.



Watch the video for an explanation

<https://www.loom.com/share/24ed4d7638294350b87d9d6902c425cc>

Your turn

Convert these ml to l

1. 2300ml = Litres
2. 1850ml = Litres
3. 3500ml = Litres

Now try converting from Litres to ml by multiplying by 1000. Use your place value grid to help you.

1. 1.3 Litres = ml
2. 4.25 Litres = ml
3. 2.75 Litres = ml
4. 1.5 Litres = ml