

**Converting between mm and cm:**

In today's maths task, we are continuing with our topic on measurement. Two weeks ago (last week was the Bank Holiday), we were practising converting between cm and m & cm. Today we will be looking at the relationship between centimetres (cm) and millimetres (mm).

*Remember that **cm** is short for centimetres and **mm** is short for millimetres.*

**Useful Information:**

We know that  $1\text{cm} = 10\text{mm}$ . We also therefore know the following facts:

$$2\text{cm} = 20\text{mm}$$

$$3\text{cm} = 30\text{mm}$$

$$4\text{cm} = 40\text{mm}$$

$$5\text{cm} = 50\text{mm}$$

$$6\text{cm} = 60\text{mm}$$

$$7\text{cm} = 70\text{mm}$$

$$8\text{cm} = 80\text{mm}$$

$$9\text{cm} = 90\text{mm}$$

$$10\text{cm} = 100\text{mm}$$

To convert from cm to mm, you can see that we multiply by 10.

To convert from mm to cm, you would therefore divide by 10.

Another way to work it out, without doing any multiplication or division (and the way I would like you to use today), would be by **using what you already know**.

For example:

I want to convert 84mm into cm & mm

I know that 84mm = 80mm and 4mm (by partitioning)

I know, from my list of facts, that 80mm is equal to 8cm. I have 4mm left over.

Therefore 84mm = 8cm and 4mm

**Task:**

You will need to complete **one** sheet from the 'Y3 Maths Worksheet 15<sup>th</sup> May' document. Choose based on your confidence level: choose from D, E or GD (look at the bottom of each page for the letter, the sheets appear in order of challenge). Answer the questions in your book then ask an adult to mark your work (the answers are on the final page of the task document). As an aside, I never expect worksheets to be printed out: record the answers however best suits in your book. (By the way, if you would like to do more than one sheet, you are very welcome!)

Mrs. Clay ☺