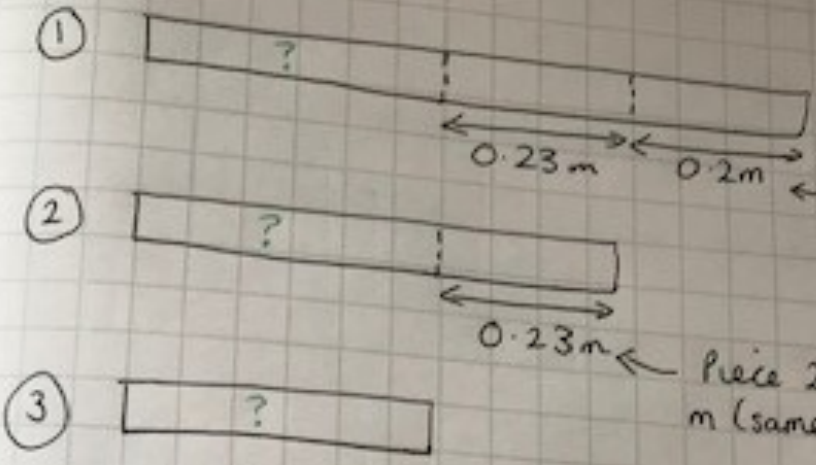
Year 5 Q7.



← Piece 1 is 0.2m longer than Piece 2.

← Piece 2 is 23 hundredths of a m (same as 0.23m) longer than Piece 3.

Now I need to work out ?

It said the whole piece of wood was 0.9m.

I can see I have a 0.2m section and two 0.23m sections. I can subtract these to see what is left.

$$0.90 - 0.23 - 0.23 - 0.2$$

First I will add the 3 sections:

$$\begin{array}{r} 0.2 \\ +\ 0.23 \\ +\ 0.23 \\ \hline 0.66 \\ \hline \end{array}$$

Then subtract from 0.9.

Put a 0 here to help you.

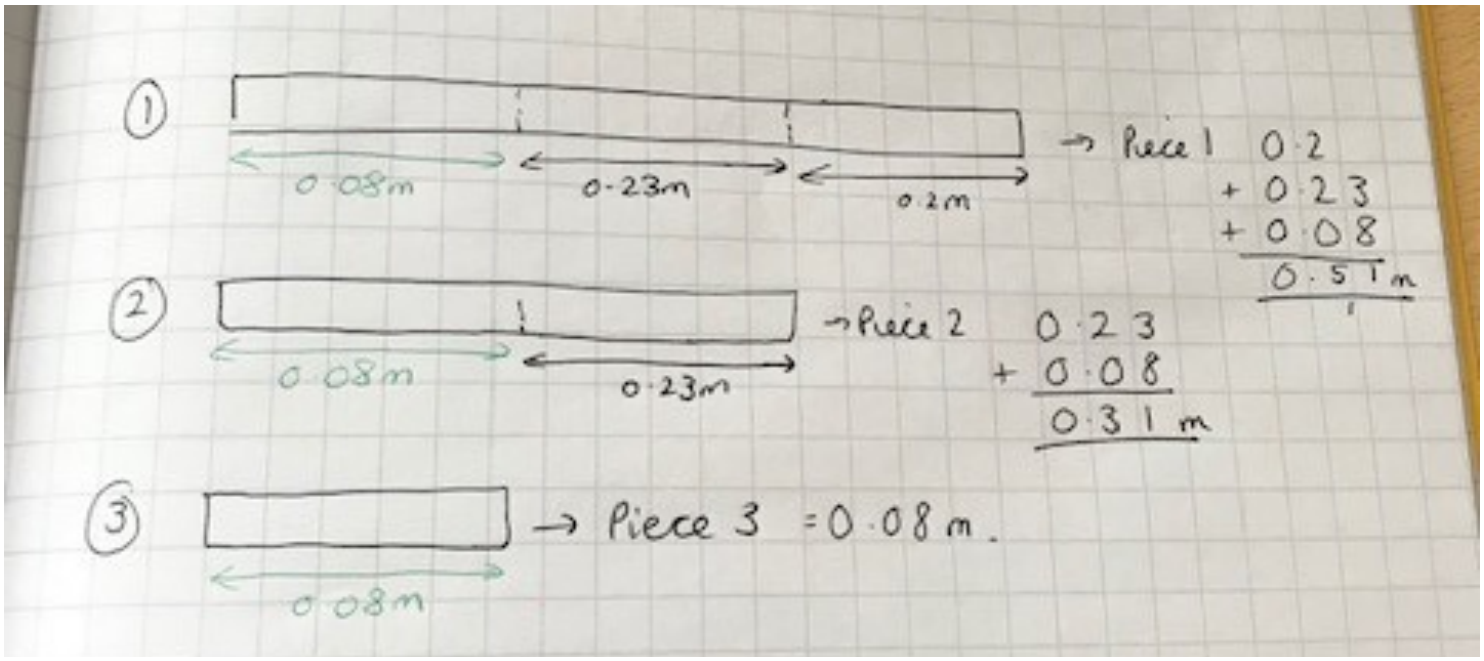
$$\begin{array}{r} 0.\overset{8}{\cancel{9}}\overset{1}{0} \\ -\ 0.66 \\ \hline 0.24 \\ \hline \end{array}$$

I know there is 0·24 m left and this represents three ? sections.

To find 1 section, I need to divide by 3.

0·24 ÷ 3 = 0·08

You could do: $3\overline{)0.24}$ if you're not sure.

So ? = 0·08

Now use this to work out the length of each piece.