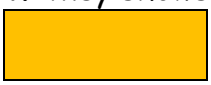
Thursday 25th February Half and quarter groups 3 and 4

Try these:

Fold a strip of paper in $\frac{1}{2}$. Colour $\frac{1}{2}$. Fold another strip into $\frac{1}{4}$ s. Colour 2/4 . What do you notice?	Alex is folding two identical paper strips. She thinks that $\frac{1}{4}$ of the strip will be bigger than $\frac{1}{2}$ because 4 is bigger than 2. Use paper strips to prove Alex is wrong.
Find a $\frac{1}{4}$ of a shape and colour it. Can you think of a fraction name for the part that is not coloured?	Draw a shape that you can fold into $\frac{1}{4}$ s. Now, can you draw a shape that can't be folded into $\frac{1}{4}$ s. Why?
Rosie says the shaded part of this shape is $\frac{1}{4}$. Is she correct? Draw lines in the triangle to show your answer. 	Alex and Winnie each show a piece of their ribbon. Witney shows $\frac{1}{2}$ of her ribbon.  Alex shows $\frac{1}{4}$ of her ribbon  Whose piece of ribbon is the longest? Explain why.