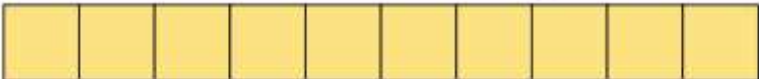Maths Activity 4

Fraction Problems

1.	Six girls share three bars of chocolate equally. Four boys share two bars of chocolate equally. Does each girl get more chocolate, less chocolate or the same amount of chocolate as each boy? Draw a picture to show that your reasoning is correct.
2.	What fraction of the bar does each section represent? Draw two more bars of the same size and divide one into eighths and the other into sixths. Which number is greater, a tenth, an eighth or a sixth? How do the bars help you to explain your reasoning?

Greater Depth

3.	Jo ate $\frac{1}{4}$ of a pizza and Sam ate $\frac{1}{2}$ of what was left. Mike ate the rest of the pizza. Draw a diagram to show how much pizza Jo, Sam and Mike each ate.
4.	Only a fraction of each line is shown. The rest is hidden behind the blue screen. Which whole line is the longer? Explain your reasoning.