Thursday Fraction Challenge:

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. Jo ate 1/4 of a pizza and Sam ate 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.
3. On a number line labelled 0 to 1 (you can draw one), mark 1/5 , 2/5 and 4/5 . On a number line labelled 0 to 1, mark 1/6 , 1/3 and ½
4. On a number line labelled 0 to 1, mark 1/6 , 1/3 and 1/2 . How big is the interval (gap) from 1/6 to 1/3 ? How big is the interval from 1/6 to 1/2 ?
5. What fraction of the bar does each section represent?

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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?

1. Fill in the numerators to make the answer less than 1. Find three different ways to complete the calculation.

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8 + 8 = 8