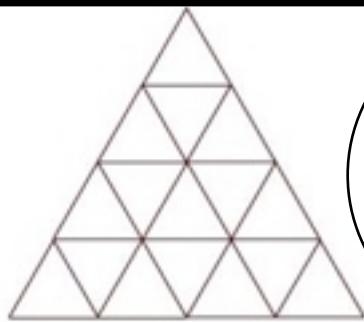# MATHS AT HOME

FAMILY CHALLENGE

Measure, compare, add and subtract mass (g/kg); the comparison of measures including simple scaling, eg. 2 times as much, connecting to multiplication.

COUNTDOWN

Can you make the number **209** using only the numbers below.

5, 8, 4, 2, 1, 6

YOU CAN + – X AND ÷

HERE IS A RECIPE FOR 12 CUPCAKES:

INGREDIENTS
- 110g/4oz butter or margarine (softened)
- 110g/4oz caster sugar
- 2 eggs, lightly beaten
- 1 tsp vanilla extract
- 110g/4oz self-raising flour

FOR THE BUTTERCREAM:
140g /5oz butter, softened; 280g/10oz icing sugar; 1-2 tbsp milk; a few drops of food colouring

TALKING POINTS
Talk about the abbreviations – what does 'g' mean?
How many grams in a kilogram? How much does the packet of caster sugar weigh?
How much do you think 1 spoon of sugar would weigh?
What is the difference between 'tsp' and 'tbsp'?
Would it make a difference if you muddled them up?
This recipe makes 12 cupcakes – how many would each member of your family get?
If you wanted to have a party, what would be the ingredients for 24 cakes?
How many cakes could I make if I only had 55g/2oz of butter?

TRY THE RECIPE!

How many triangles can you see?

Answer will be on next week's update.

DID YOU KNOW?

"Forty" is the only number that is spelt with letters arranged in alphabetical order.

40

FAMOUS MATHEMATICIAN

Isaac Newton
One of the greatest mathematicians and scientists of all time. He developed the theory of gravity and calculus. Calculus is used in many different areas such as physics, astronomy, biology, engineering, economics, medicine and sociology.

Can you research any other famous mathematicians?

JOKE OF THE WEEK

Q. How do you keep warm in a cold room?

A. Go to the corner because it is always 90 degrees.

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