

# Nettleham Church of England Aided Junior School

## KS2 Easter Maths Activity 1 – Chocolate Shapes

Holly cannot eat any chocolates from her favourite selection box because she has given up chocolate for Lent.

Instead of eating them, she decides to do an investigation.

These are the shapes of the chocolates she has in her box (sides marked x are the same length) and each colour represents a different shape:



**Using the picture above, answer these questions:**

1. How many different ways can you use the chocolates to make a rectangle?
2. Can you make a rhombus?
3. Can you make a parallelogram?
4. Can you make a regular hexagon?
5. How many different triangles can you make?

## Easter Maths Activity 2 – Coffee Calculations

Each day, Mr Jackson drinks 3 cups of instant coffee at home, and twice a week he buys coffee from his local coffee shop

- A UK coffee shop sells coffee for £2.75 per cup.
- A 200g jar of instant coffee costs £4.60.
- 1.8g makes 1 cup of coffee.

**Using the information above, read and answer the questions below:**

1. How much money could Mr Jackson save if he gives up coffee for Lent? Round amounts of money to the nearest penny.
2. How much money would he save if he gave up just the coffee he buys from his local shop?

## Easter Maths Activity 3 – Bunny Bonanza

150 baby rabbits have been born at farmer Jones' farm this Easter. She won't have room to keep them all on her farm once they are grown up, so she has to give some away to caring homes that would like a bunny as a pet!

**Using the information above, read and answer the questions below:**

1. If farmer Jones gives away two thirds of the 150 rabbits, how many will she have left?
2. If farmer Jones manages to give away 97 of the rabbits, how many will she have left?
3. Farmer Jones wants to charge people £1.50 to take a pet rabbit home with them. She is going to give this money to a Rabbit charity and manages to sell all of the rabbits. How much money has she raised for the rabbit charity?