

8th May Friday Challenges!

Remember, they start simple to warm you up, then get harder!

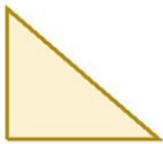
Challenge 1

This is half of Lee's strawberries.



How many strawberries does Lee have?

This is half of Lee's shape.



What could the whole shape look like?

Challenge 2

Tim buys a lolly and a chew.



The lolly costs 12p more than the chew.

The total cost of the two items is 82p.

How much does the lolly cost?

Challenge 3

Stickers come in packs of 5.

Max buys 12 packs.



He gives his three friends some stickers.

They each receive the same number.

He has 27 stickers left.

How many stickers did Max give each of his friends?

Challenge 4

Here are 3 containers.



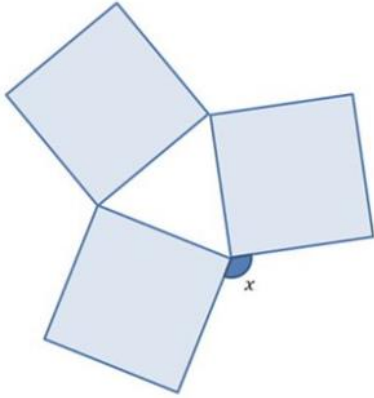
- The jug can hold **1500 ml** .
- The bucket can hold **2 litres** .
- The barrel can hold **15 litres** .

Anisa wants to fill the barrel with water.

Find 2 ways that Anisa can fill the barrel using the jug and bucket.

Challenge 5










Three identical squares are arranged to make this pattern.



What is the size of the angle marked x ?

Challenge 6

Here is a 3 x 3 grid with some shapes in.

			108
			102
			95

Each shape represents a number.

The sum of each row is shown at the right of the grid.

Find the value of each of the shapes.

Challenge 7

Megan puts 4 fractions in order, starting with the smallest.

$$\frac{1}{2} \quad \frac{\text{blue circle}}{8} \quad \frac{7}{\text{blue circle}} \quad \frac{\text{blue circle}}{5}$$

She has spilt some paint on some parts of the fractions.

What could the missing numbers be?

Answers

Challenge 1 - 8 strawberries



Challenge 2 - 47p

Challenge 3 - 11 cards

Challenge 4 - 2 jugs and 6 buckets, 6 jugs and 3 buckets, or 10 jugs

Challenge 5 - 120 degrees

Challenge 6 - Circle = 32, Triangle = 38 and Pentagon = 25

Challenge 7 - 5, 10, 5 (multiple other answers though)
