

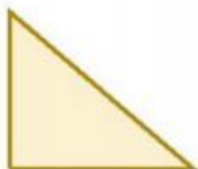
## Challenge 1

This is half of Lee's strawberries.



How many strawberries does Lee have?

This is half of Lee's shape.

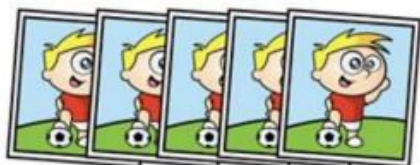


What could the whole shape look like?

## Challenge 3

Stickers come in packs of 5.

Max buys 12 packs.



He gave 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 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 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

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 table.

Find the value of each of the shapes.

## Challenge 6

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

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

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, or 6 jugs and 3 buckets

**Challenge 5** - Circle = 32, Triangle = 38 and Pentagon = 25

**Challenge 6** - 5, 10, 5 (multiple other answers though)