Using coloured pencils, design a spinner with more than three sections for which the chance of spinning red is ⅓.

Draw 3 shapes that each have four lines of symmetry.

Draw a quadrilateral in which one angle is double another, and a third angle is three times as big. Mark the angle sizes on your drawing.

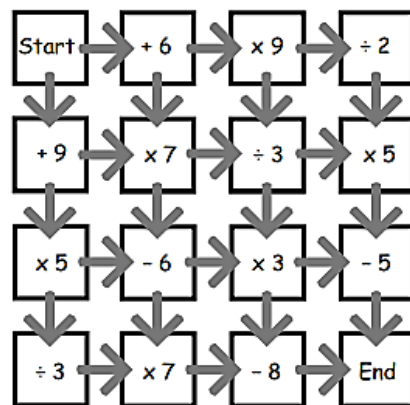The total number of oranges in cartons A and B was 324.

When 3/7 of the oranges in carton A were sold, there were twice as many oranges in carton A than in carton B.

How many oranges were there in carton B?

In April, Flash Harry bought a saddle for $100.

In May, he sold it for $200.

In June, he was sorry he had sold it so he bought it back for $300.

In July, he got tired of it so he sold it for $400.

Overall, did Flash Harry make or lose money? How much did he make or lose?

Start with zero. Find a route from 'Start' to 'End' which totals 100 exactly.

Start	+ 6	x 9	÷ 2
+ 9	x 7	÷ 3	x 5
x 5	– 6	x 3	– 5
÷ 3	x 7	– 8	End

There are 8 numbers arranged from smallest to largest.

The total of these numbers is 80.

The middle two numbers total 12.

Six is not one of the numbers.

The number that occurs most often is 2.

What might the numbers be?

Find **two** correct solutions.

It takes 1 metre of ribbon to tie up a package.

Assume that the bow needs 30cm.

What might the dimensions of the box be?

Fred can stock the shelves of the canned vegetable aisle in 6 hours. Wanda can stock the same shelves in 4 hours.

Approximately how long would it take Fred and Wanda working together to stock the shelves?

Take the 4 large straws and 4 small straws provided and, using all the straws, make:

a) 2 squares (each square is a different size)
b) 3 squares, all the same size.

Draw a picture of how you did it.

Callum bought 5 tickets to watch a game of football with his friends. The tickets were numbered in order. When the numbers were added together, they totalled 110. What were the ticket numbers?

My Mum was 27 when I was born.

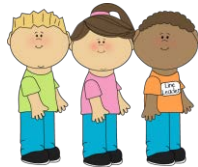Eight years ago, she was twice as old as I shall be in 5 years' time.

How old am I now?

A ball is dropped from a height of 125 metres.

Each time it hits the ground it bounces 3/5 of the height it fell.

How high will the ball bounce on the 3rd bounce?

Ann, Ben, Carlos, David, Eric, Frank, Gita and Harry are in a line.

Ann is next to Ben. Gita has 2 people to her right. There are 3 people between Harry and Gita.

Frank has no-one to his right. Harry is next to Ann. Eric is somewhere to the right of Carlos and somewhere to the left of David.
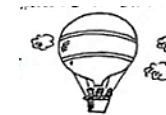
List the students from left to right.

Slick Jim won the lottery.

He spent two-thirds of his winnings on a very posh house.

Then he spent two-thirds of what he had left on a hot air balloon.

He spent his last $200,000 on a flashy car.

How much did slick Jim win in the lottery?

What is the four-digit number in which the first digit is one-third the second, the third is the sum of the first and second, and the last is three times the second?