



December 2018



Have fun at home by taking on our puzzle challenges. Pick a puzzle and work together with someone at home to try and complete it. Enjoying yourself?

Why not try another puzzle?

If you think you've completed a puzzle correctly, why not enter it into our monthly draw to be in with a chance of being named your class' maths whizz for the month!

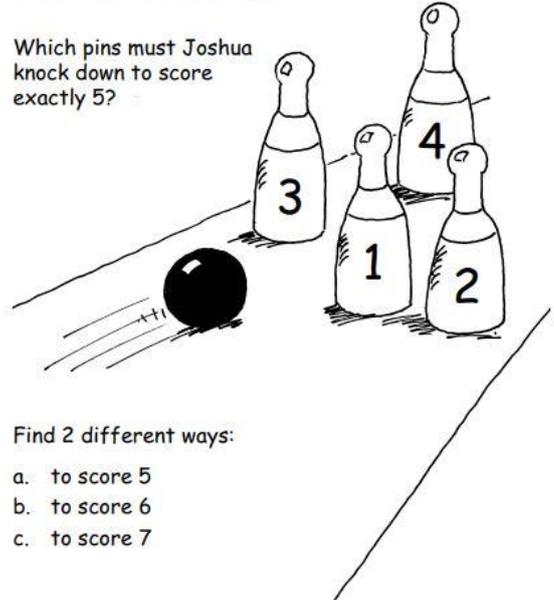
Entry forms will be emailed out each month and will be available from your class teacher/puzzle board.

Get puzzling!

Puzzle A

Four-pin bowling

Which pins must Joshua knock down to score exactly 5?



Find 2 different ways:

- to score 5
- to score 6
- to score 7

Puzzle B

Rows of coins



- Take five coins: 1p, 2p, 5p, 10p, 20p.
Put them in a row using these clues.
The total of the first three coins is 27p.
The total of the last three coins is 31p.
The last coin is double the value of the first coin.
- Take six coins: two 1p, two 2p and two 5p.
Put them in a row using these clues.
Between the two 1p coins there is one coin.
Between the two 2p coins there are two coins.
Between the two 5p coins there are three coins.

What if you take two 10p coins as well, and between them are four coins?

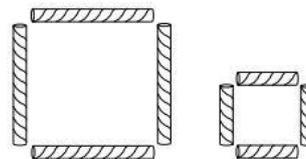
Puzzle C

Square it up

You need six drinking straws each the same length. Cut two of them in half.

You now have eight straws, four long and four short.

You can make 2 squares from the eight straws.



Arrange your eight straws to make 3 squares, all the same size.