Maths Challenges Answers

Challenge 1

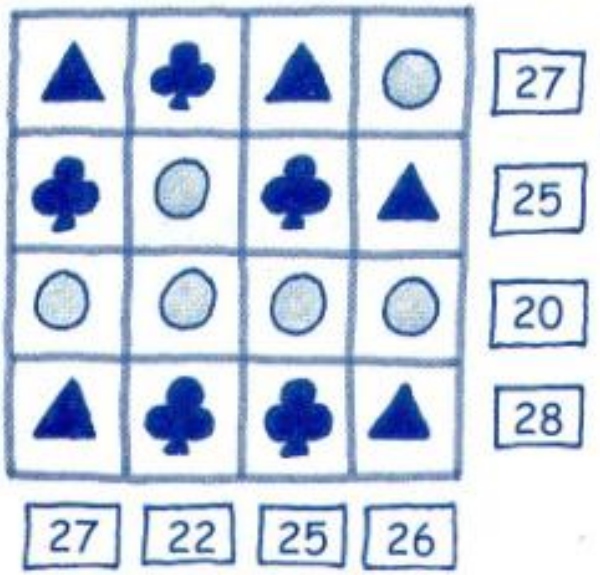
Lolly costs 47p.

Challenge 2

The angle is 120 degrees.

Challenge 3

The circle has the value 5.
The triangle has the value 8.
The club has the value 6.



Challenge 4

There are two routes that total 100 exactly:

+ 6 x 7 - 6 x 3 - 8 = 100
+ 9 x 7 ÷ 3 x 5 - 5 = 100

The route giving the highest total is:

+ 9 x 7 - 6 x 7 - 8 = 391

The route giving the lowest total is:

+ 6 x 7 ÷ 3 x 3 - 8 = 34

Challenge 5

Gurmit paid £2, £4, £6, £1 and £8 for the five presents.