July Maths Challenge

Choose a challenge to solve.

Challenge 1:

Louise is thinking of a number.

It is less than 50

It is a 2-digit number.

3 is a factor of this number.

The sum of its digits is one third of the number.

What number is Louise thinking of?

Challenge 2:

Each shape stands for a number.

The numbers shown are the totals of the four numbers in the row or column.

What are the remaining totals?

What numbers do each shape stand for?

20   28   22

Challenge 3:

Mrs Jones has £20 to spend on presents.

She buys 4 mugs and 3 teddy bears.

What is the greatest number of key-rings she can buy?

95p   £1.80   £2.45