

April Maths Challenge

Choose a challenge to solve.

Challenge 1:

You have a set of the digits from 0 - 9.

0	1	2	3	4	5	6	7	8	9
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Can you arrange these digits in the five boxes below to make two-digit numbers as close to the targets as possible? You may use each digit once only.

largest even number

largest odd number

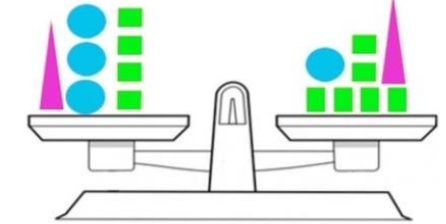
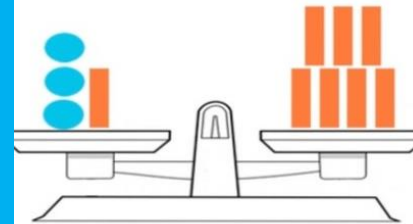
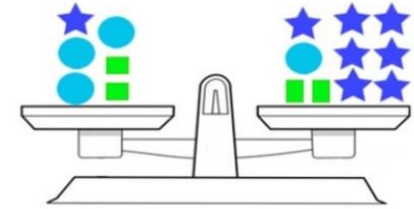
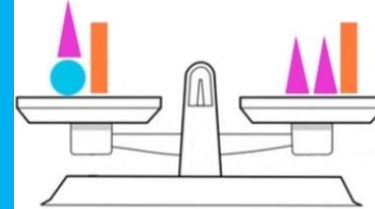
smallest odd number

largest multiple of 5

number closest to 50

Challenge 2:

Each of the scales below is balanced - with equal weight on the two sides. Remove as many blocks as possible so that each remains balanced.



If the blue ball weighs 12 ounces, how much does each of the other blocks weigh?

Challenge 3:

Which calculation has an odd number as an answer?

- A** $177 + 99$ **B** $300 + 106$ **C** $6 \div 3$ **D** 103×9 **E** $1033 - 85$