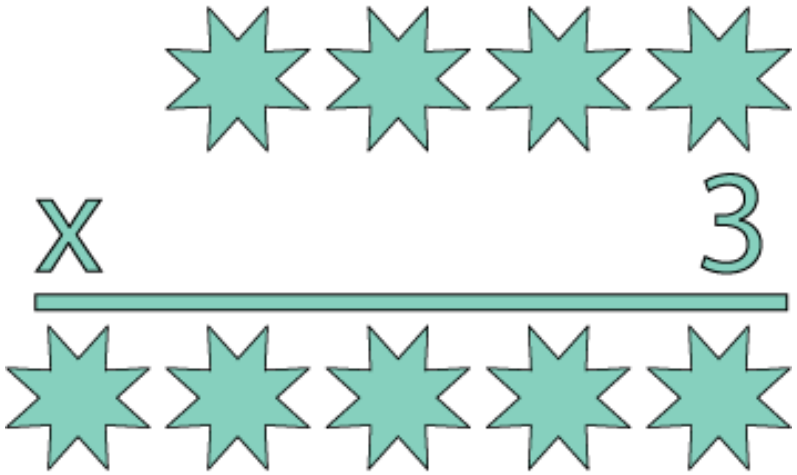
Week 1 - Year 5 Maths Problems

Monday 20th April

All the Digits

This represents the multiplication of a 4-figure number by 3.



The whole calculation uses each of the digits 0–9 once and once only.

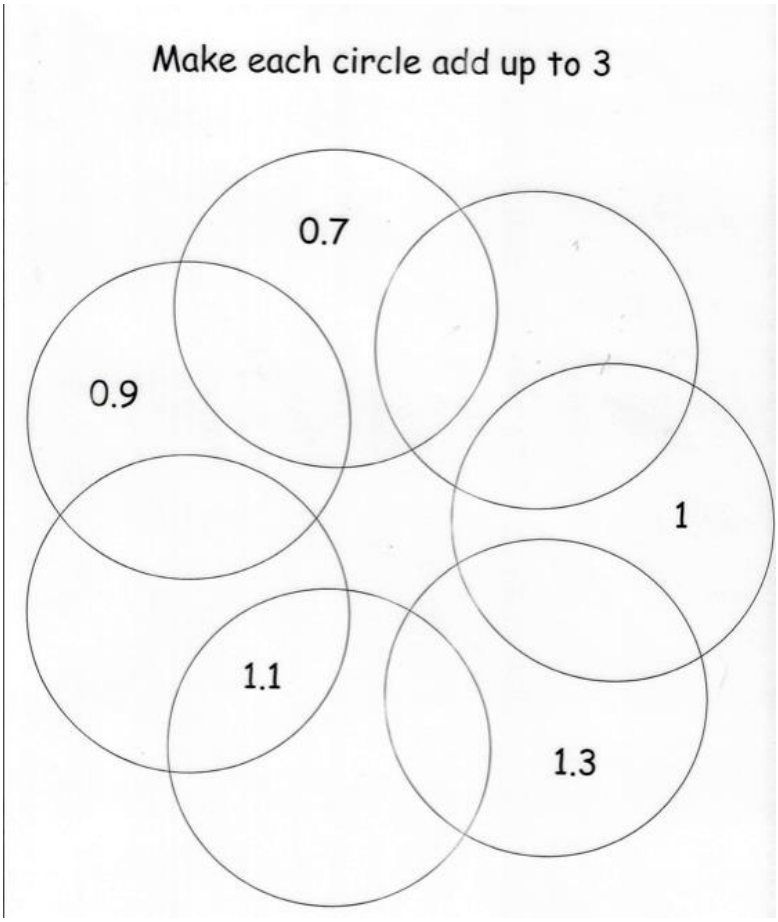
The 4 -figure number contains three consecutive numbers, which are not in order. The third digit is the sum of two of the consecutive numbers.

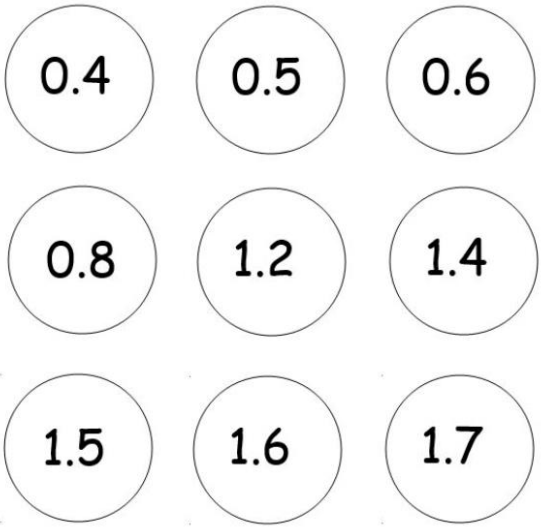
The first, third and fifth figures of the five-digit product are three consecutive numbers, again not in order. The second and fourth digits are also consecutive numbers.

Can you replace the stars in the calculation with figures?

Tuesday 21st April

Use each of the numbers below **once**. Each circle needs to add up to three.





Wednesday 22nd April

You have a set of digit cards 0 to 9. Each one is used once and only once.

0	1	2	3	4	5	6	7	8	9

Use these digit cards to make two two-digit numbers and six one-digit numbers so that each statement is correct.

□ × □ = 24

□ × □□ = 36

□ × □ = 63

□□ ÷ □ = 6

Thursday 23rd April

You have a set of digit cards 0 to 9. Each one is used once and only once.

0	1	2	3	4	5	6	7	8	9

Put the ten digit cards here to make two one-digit numbers and four two-digit numbers so that each statement is correct.

□□ Is a multiple of 8

□ × □□ = 85

□ × □□ = 84

□□ Is a multiple of 9

Friday 24th April

Presents

The presents were all different prices

The presents cost a total of £40

The most expensive present cost less than £16

What could the price of each present be?