

## Year 5 Friday Maths Investigation (22/5/20)

Hello Year 5! Try this Maths investigation below. We have deliberately not included a solution because we want to see if you can spot any patterns. Good luck!

### 8 **That's odd**

Write down an **odd** number, e.g. 9

Square it (multiply it by itself), e.g.  $9 \times 9 = 81$

Divide by 4 and write down the remainder,  $81 \div 4 = 20$  remainder 1

Repeat with some more odd numbers.

What do you notice about the remainder?

Is it always true?

Investigate doing the same with even numbers.

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