# Maths Home Learning at St Pauls Primary School

# Key Instant Recall Facts

## Year 6 Autumn 2

**Target: I know the tests for divisibility for numbers up to 10**

By the end of this half term, children should know the following facts. The aim is to recall these facts instantly.

## Divisibility Rules

A number is divisible if it can be divided evenly with no remainder.

| 10 | if | The number ends in a 0. |
| 9 | if | When you add all the digits this number can be divided by 9. |
| 8 | if | The last 3 digits form a number that can be divided by 8. |
| 7 | if | For 3 digit numbers, double the last digit and subtract it from the first two digits. The total can be divided by 7. |
| 6 | if | The last number can be divided by 2 and the total of the digits can be divided by 3. |
| 5 | if | The last digit is a 5 or a 0. |
| 4 | if | The last two digits are a number that is divisible by 4. |
| 3 | if | The sum of the digits can be divided by 3. |
| 2 | if | The final digit is an even number . |

### KEY VOCABULARY

$$10 \div 2 = 5$$

- dividend
- divisor
- division sign
- quotient

dividend ÷ divisor = quotient

'Divisible by' means you can divide one number by another and the answer is a whole number.

"Divisible by" and "can be exactly divided by" mean the same thing

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