# Year 4 – Maths Home Learning

# Autumn Term 1

This term, please practise with your child:

- Recognise the place value of each digit in a four digit number.
- Order and compare numbers beyond 1000.
- Know that 100 hundreds are equivalent to 1 thousand
- Know that 1000 is 10 times the size of 100
- Read Roman numerals to 100
- Count backwards through 0 to include negative numbers.
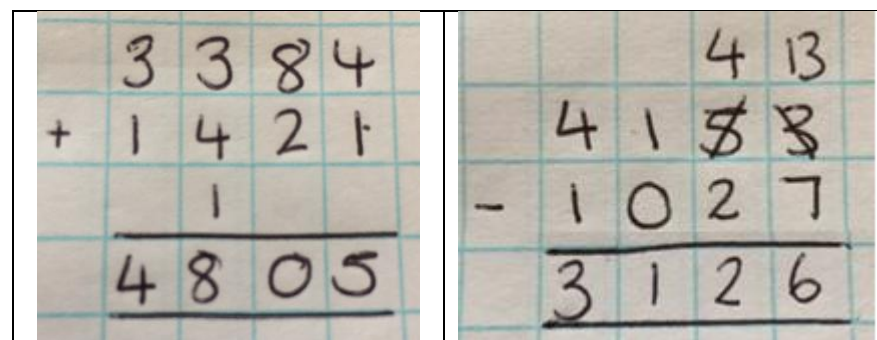- Count in multiples of 1000.
- Count in multiples of 25.

Here's further information and ideas for how to practise

| Place Value | Further explanation / Ideas of how to practise |
|---|---|
| Recognise the place value of each digit in a four digit number. | 4563 = 4 thousands, 5 hundreds, 6 tens and 3 ones<br>1876 = 1000 + 800 + 7 + 6 |
| Order and compare numbers beyond 1000. | e.g. 123, 673, 8549, 99361<br>or using < > so 14387 > 10254 |
| Know that 100 hundreds are equivalent to 1 thousand | "10 hundreds is equal to 1 thousand." |
| Know that 1000 is 10 times the size of 100 | "1000 is 10 times the size of 100." |
| Read Roman numerals to 100 | I = 1   V = 5   X = 10   L = 50<br>so   21 = XXI     34 = XXXIV     47 = XLVII |
| Count backwards through 0 to include negative numbers. | 5, 4, 3, 2, 1, 0, -1, -2, -3 |
| Count in multiples of 1000. | 1000, 2000, 3000, 4000, 5000… |
| Count in multiples of 25. | 25, 50, 75, 100, 125, 150, 175, 200… |

# Key Vocabulary

| digit | any of the numerals from 0 to 9 when forming part of a number. |
|---|---|
| equivalent | equal value in number / amount |
| multiple | a number made up of multiplying two numbers together.<br>*The multiples of 5 are all the numbers in the 5 times table, such as 5, 10, 15, 20, 25 and so on.* |
| thousands | 1000, 2000, 3000 etc |

# Formal Methods

## _Times Tables_

This term Year 4 will be learning 6x and 8x tables

| | |
|---|---|
| 1 x 6 = 6 | 1 x 8 = 8 |
| 2 x 6 = 12 | 2 x 8 = 16 |
| 3 x 6 = 18 | 3 x 8 = 24 |
| 4 x 6 = 24 | 4 x 8 = 32 |
| 5 x 6 = 30 | 5 x 8 = 40 |
| 6 x 6 = 36 | 6 x 8 = 48 |
| 7 x 6 = 42 | 7 x 8 = 56 |
| 8 x 6 = 48 | 8 x 8 = 64 |
| 9 x 6 = 54 | 9 x 8 = 72 |
| 10 x 6 = 60 | 10 x 8 = 80 |
| 11 x 6 = 66 | 11 x 8 = 88 |
| 12 x 6 = 72 | 12 x 8 = 96 |

The school has subscribed to Times Tables Rock Stars (TTRS). TTRS is an online platforms to help your child practise times tables facts at home. TTRS be downloaded as app on your phone or tablet. Your child has a username and password. This is stuck in their reading record



## _Maths Games to play at home!_

### Dicey!



Each player creates a grid made of 4 boxes: 

Roll dice and each player puts number into their grid: | | 3 | |
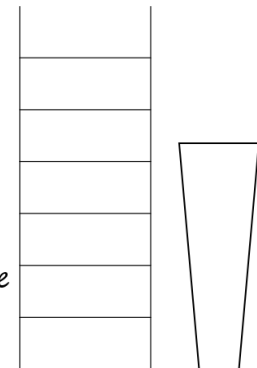
Repeat until the grid is full: | 6 | 1 | 3 | 2 |

The player with the highest number gets a letter (e.g. D – I – C - E….)

First player to make the word **DICEY** wins!

### Ladder

- Each player draws a ladder with 7 gaps and a bin
- Roll 2 dice – multiply numbers together
- Place answer in ladder from lowest to highest. If there is no space to put number in ladder, put the number in the bin.
- First to complete ladder wins

For more game ideas go to the school website for the 'Bare Necessities' game packs https://stratford-sub-castle.wilts.sch.uk/maths-at-home/