# Jubilee Maths Activities

## Riddles

Make up some Riddles and test them on your friends or family. Here are some simple examples of puzzles you could make up yourself. You can use factors, multiples, addition, subtraction etc and make it as challenging or as simple as you would like to.

What are my 3 missing numbers that add up to 60? Use the clues to help you.
My first number has 2 tens and 5 ones.
My second number you divide by 3 and the answer is 10.
To get my third number start with 15 and subtract 10.
What are my 3 numbers?

I am not an even number. I am between 60 and 64. I am not 63. What am I?

## 60 Second challenges

How many calculations can you complete in 60 seconds. Can you beat your score? (Create some of your own or ask a friend or family member to create some for you).
How many physical exercises can you complete in 60 seconds? (for example: squats, star jumps, lunges, high knees, sprints).

## Roman Numeral Code breakers

Can you find which of our 4 CAST values are hidden using the clues below?
(If this is too hard why don't you use numbers and make up your own codes to reveal some of our values or alternatively if this is too easy you could use an equation or a calculation to make up clues for your friends, family or teacher to work out).

| a | e | i | o | c | d | f | g | k | m | p | n | r | s | v |
|---|----|-----|----|---|----|-----|------|----|---|----|-----|------|-----|----|
| I | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII | XIII | XIV | XV |

11, 2, 1, 5,2

7, 4, 13, 18, 3, 15, 2, 12, 2, 14, 14

4, 3, 12, 6, 12, 2, 14

5, 4, 10, 11, 1, 14, 14, 3, 4, 12