CMC CATHEDRAL MATHS CHALLENGE

Name: _____ Year: _____

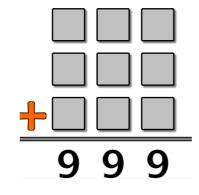## EYFS (Nursery and Reception)

Measure how tall you are using your socks.

Measure how tall you are using your favourite toy.

Challenge: choose something else to measure and draw a picture of your unit of measurement.

KS1 (Year 1 & 2)

Using the digits 1-9 can you make this sum complete?

$$+ \quad \underline{\hspace{2cm}}$$

9 9 9

You can use a number more than once.

LKS2 (Year 3 & 4)

Choose three different numbers from the table then add them together.

299	250	369	298
355	418	323	284
403	242	379	266
218	361	274	347

How many different ways are there of making 1000?

UKS2 (Year 5 & 6)

Connecting rules

$$x = 5$$
$$y = 10$$

Find 20 rules connecting x and y

Eg. $5y - 45 = x$

Remember you can work the challenge out any way you would like to: draw pictures, use materials like buttons as counters, count in your head… Just make sure you show this on your solution paper!

Working out space:
Now explain how you solved the problem!