



Chilton Primary School

★ KS2 Year 5/6 Term 1 Maths Challenge ★

The maths challenges are back for the new academic year! If you would like to enter, solve the problem below and return any entries to Miss Lane's Classroom (Year 6, Team Indigo) by Tuesday 15th October. Names of those who are successful in the completion of the maths challenge will be entered into a raffle for a prize where one winner will be chosen in our Chilton Heroes assembly on Friday 18th October. All entrants will receive a certificate for participating.

Challenge:

Billie is designing, making and selling number plates.

Each can have a maximum of six characters, numbers or letters.

Billie cannot use plus and minus signs, or any other mathematical symbols.

He can make 10 by using '10' or by 'TEN'.

In how many ways can he make 12?

What number less than 20 can be represented in the most ways?

This is an open problem in which children have the opportunity to find many creative solutions using their number knowledge and their language.

Examples include 4B4TEN for number 6.

