

Maths Newsletter Autumn Term

Dear Families,

Our focus in school this year is to help our pupils problem solve in maths.

Our pupils have become great calculators and are very good at talking about different methods that they know. Now, we want to improve their problem solving skills

This newsletter will give you a problem for each year group. Try them out with your child and talk with the children about how they can solve it



EYFS

Go on a number hunt around your home.

Where can you find a number 1?

Where can you find a number 2?

Can you find all of the numbers up to 10 around your home?

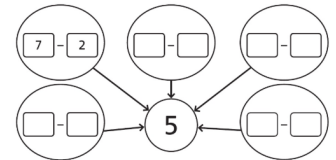
Year 1

Try out to find examples first.
Can you use an ordered list to make sure you have them all

5 Write five different subtractions.

They should all have the answer 5.

The first one has been done for you.



0 1 2 3 4 5 6 7 8 9 10

I will use the number line to check my answers.



Year 2

6 Use each of these numbers once.

7 5 8 9

Make the greatest total and the smallest total.

I will pick two numbers and work out the total. Then I will try a different two numbers.

Greatest: + =

Smallest: + =



Did you find the greatest and the smallest straight away?
If so, how did you know?

Year 3

7 Crack the code. Each symbol represents a single digit.

$$\star 00 + \triangle 00 = \square 00$$

$$\triangle 00 - \star 00 = 200$$

$$\square + \triangle + \star = 16$$

$$\star = \square \quad \triangle = \square \quad \square = \square$$

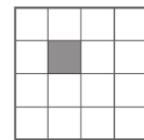
Think about where you should start.



Year 4

5 A farmer wants to split his land into 5 fields, all the same area.

On the map, the shaded square shows the farmhouse and the rest of the squares show the area of the land around it.



Map of Oak Farm

Draw lines on the map to show how he can split up his land.

I have found a way to do this where the fields are all the same shape, too!



Year 5

5 Three chests each contain some treasure.

- The first chest contains 18,455 coins.
- The second chest has 4,200 fewer coins than the first chest.
- The third chest has 5,120 fewer coins than the second chest.

How many coins are in each treasure chest?



Be careful to make sure you are adding the correct numbers

Year 6

6 Max and Jamie each have the following number cards.

2 3 5 6 8

They each make a 5-digit number.

The sum of their two numbers is 91,488.

What numbers did they start with?



Is there a quick way of doing this?