The newsletter from Mundford C of E Primary Academy - Your school, your news!



## encouraging excellence in everyone.

All our newsletters, \& schood dates can be found on our mebsite: mumu.churchsidefederation.norfolk.sch.uk


There are 22 legs on the cobweb.
How many spiders and how many flies could there be?
Can you find different ways of solving this?


A farmer counts all the legs in his field.
There are 32.
How many sheep and how many chickens are in the field?
Are there different ways of solving this?
What if the farmer is standing in the field and counts his legs too?

I'm thinking of a number.
My number is both a multiple of 5 and a multiple of 6 .
What could my number be?
What else could it be?
What is the smallest number it could be?
I'm thinking of a number.
My number is a multiple of 4,5 and 6 .
What could my number be?
What else could it be?
What is the smallest number it could be?
I'm thinking of a number that is 1 more than a multiple of 7 .
My friend is thinking of a number that is 1 more than a multiple of 4 .
Could we be thinking of the same number?
Here's a challenging extension:
We know that:

- When 59 is divided by 5 , the remainder is 4
- When 59 is divided by 4 , the remainder is 3
- When 59 is divided by 3 , the remainder is 2
- When 59 is divided by 2 , the remainder is 1

Can you find a number with the property that when it is divided by each of the numbers 2 to 10 , the remainder is always one less than the number it is has been divided by?
Can you find the smallest number that satisfies this condition?

All these problems can be found on the nrich website: hitps://nrichumaths.ong/8495 where you can see how other children have solved thern as well as submit your own solutions.
Want to help your child at home with Maths?

- Every child has log-ins for Maths Garden \& Purple Mash, where they can play online Maths games, Speak to their class teacher if you need help with these.
- Learning times tables helps children of all ages to develop confidence in Maths. There is an online simulation of the tables test that is being in traduced in Y ear 4 from 2020 here: hitps://collins,co:uk/pages/primany-mathematics-times-tables-test-simulaton
- On our mebsite you can find copies of the Maths Essentials for each year group, along with ideas for practising at home: hitp: //munu.churchsidefederationunorfolk, schu uk/mp-content/uploads/2018/07/4075688466729|96932-website-maths-essentials-yns-n-6.pdf
- Use Maths in reab-life: play games, where you have to count on keep scone; weigh ingredients for cooking; find money and work out change wher they you go shopping.


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