Flashback 4

Year 3 | Week 2 | Day 5

1) Divide 63 by 3 ☐

2) Multiply eighteen by four ☐

3) Complete the multiplication.

$8 \times \square = 72$

4) Fill in the missing numbers.

400 , ☐ , 600, 700, 800 , ☐

White Rose Maths

Friday Challenge

This Pied Piper of Hamelin

Age 7 to 11 ★★

"The Pied Piper of Hamelin" is a story you may have heard or read. This man, who is often dressed in very bright colours, drives the many rats out of town by his pipe playing - and the children follow his tune.

Suppose that there were 100 children and 100 rats. Supposing they all have the usual number of legs, there will be 600 legs in the town belonging to people and rats.

But now, what if you were only told that there were 600 legs belonging to people and rats but you did not know how many children/rats there were?

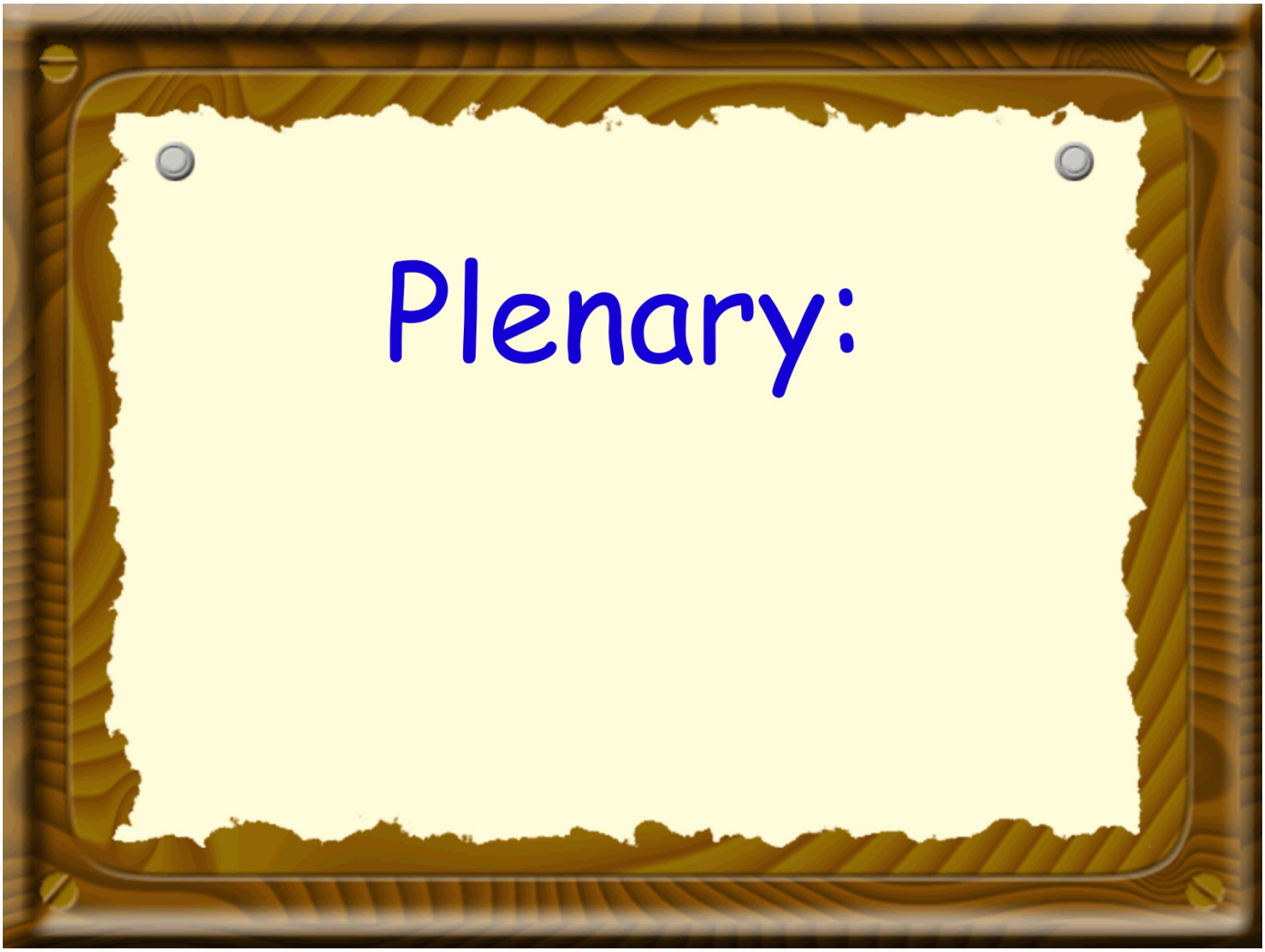
The challenge is to ***investigate how many children/rats there could be if the number of legs was*** 600***.*** To start you off, it is not too hard to see that you could have 100 children and 100 rats; ***or*** you could have had 250 children and 25 rats. See what other numbers you can come up with.
Remember that you have to have 600 legs altogether and rats will have 4 legs and children will have 2 legs.

Getting started...

If you had one fewer rat, what could you replace it with to keep the number of legs the same?
How are you keeping track of what you have done?

Your challenge today is to come up with as many different combinations of rat and human there could be.

Good luck!!


Plenary:

Can you find three numbers in a **horizontal line** that have a sum of ten.

2	4	4	3	4
7	8	1	7	5
1	3	5	2	1
1	2	3	9	0
8	0	2	5	9

Can you find three numbers in a **vertical line** that have a sum of ten.

2	4	4	3	4
7	8	1	7	5
1	3	5	2	1
1	2	3	9	0
8	0	2	5	9