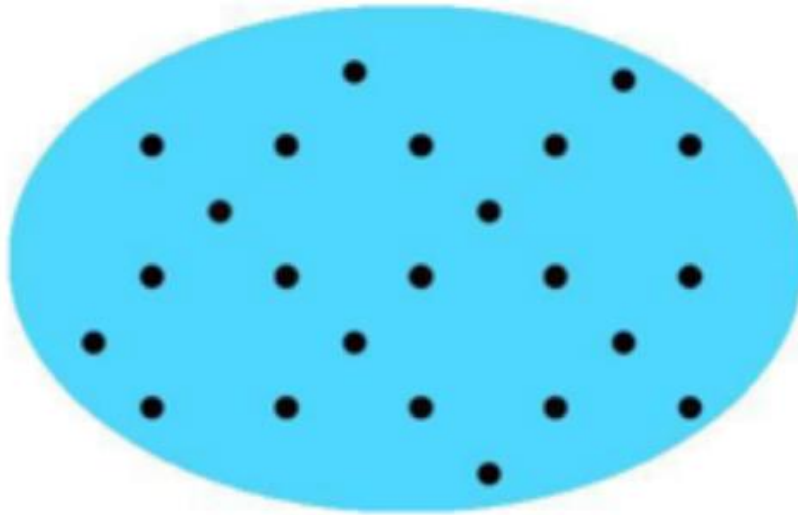## Maths challenge for January 2025

How many dots can you see? How did you count them? Talk with your family about how you counted the dots. How can you check your answer is correct?

We loved taking part in the "Maths at Home" challenge! After carefully counting the dots, we found there are 23 dots in the blue oval.

How we counted:

We marked off each dot as we counted to ensure we didn't miss any or accidentally count one twice.

We've attached a photo showing how we marked the dots during the activity.

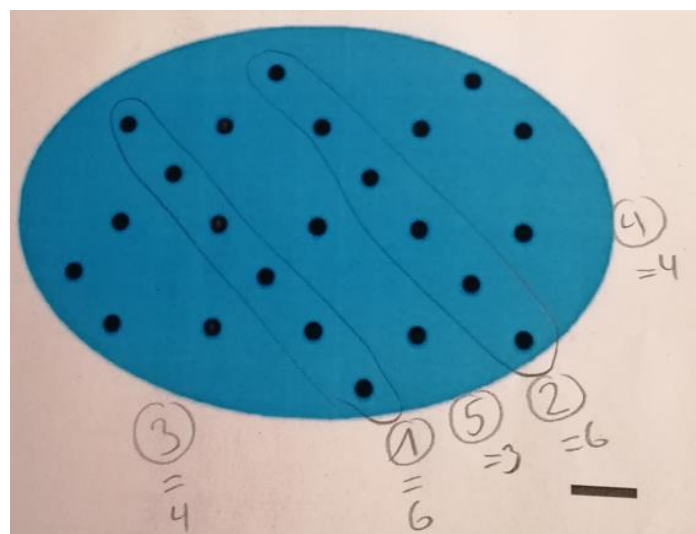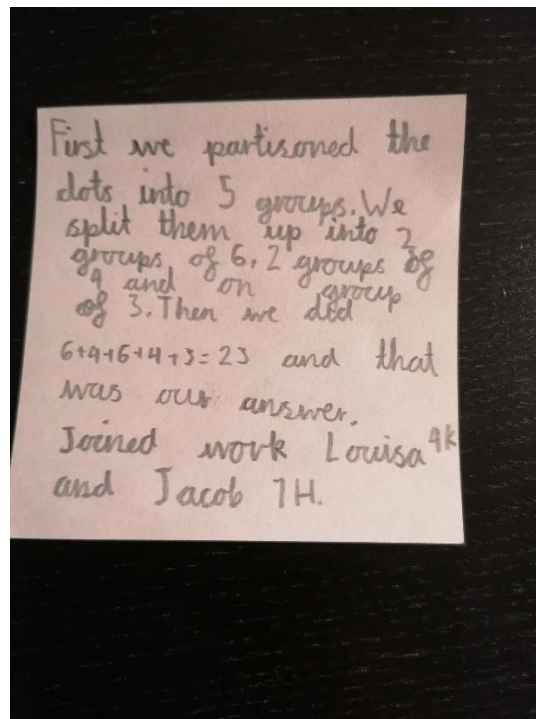This was such a fun way to practice careful counting—thank you for the activity!

Shawin 3E

Sena and I discussed how we both came at the challenge with different approaches but both came to the same number. I started from left to right counting each vertical row of dots one row at a time, whereas Sena counted in diagonal rows slanting from the top right to the bottom left.

It was a lovely little challenge which was very quick yet brought about a good discussion on how people can approach things differently and still come to the same answer, even though each approach is different it doesn't mean that either is incorrect.
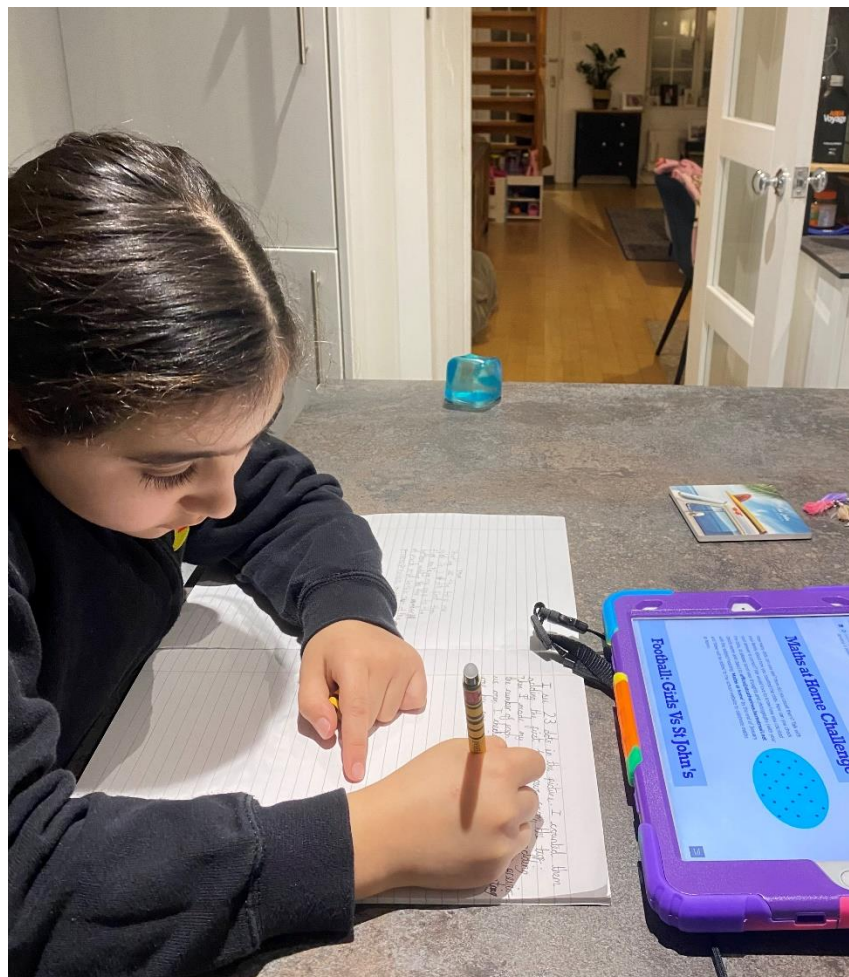
Sena 4K

First we partisoned the dots into 5 groups. We split them up into 2 groups of 6, 2 groups of 4 and on group of 3. Then we did
6+4+6+4+3= 23 and that was our answer.
Joined work Louisa 4k and Jacob 1H.

Louisa 4K and Jacob 1H

I see 23 dots in the picture. I counted them adding the first two rows from the top. Then I made my way to the bottom adding the number of each row to the sum of the previous ones. I checked if I was correct by counting one by one in the same order.
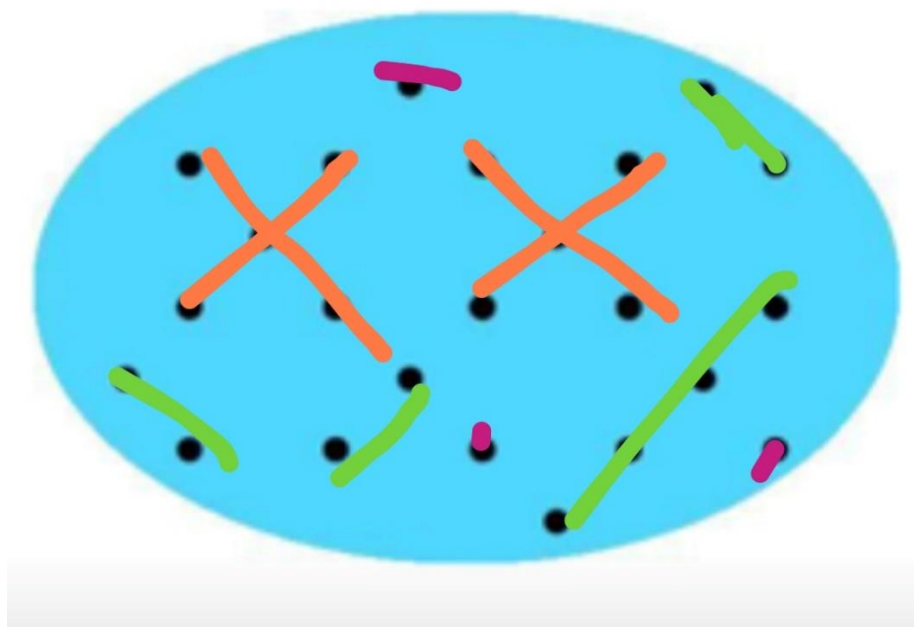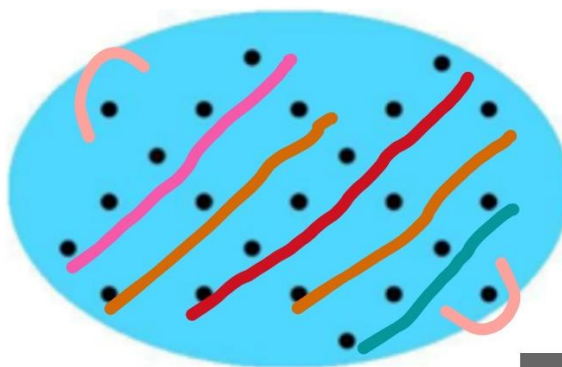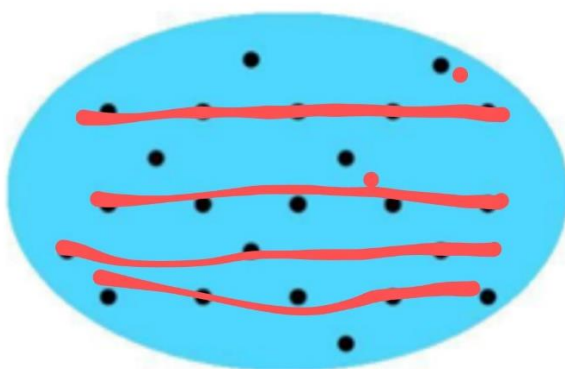
Beatrice. A 4K

Beatrice 4K

I can see 23 dots.
I counted them by:

1. diagonal lines and dots

2. x's and lines

3. lines and dots

Ze 5MG