

Join our...



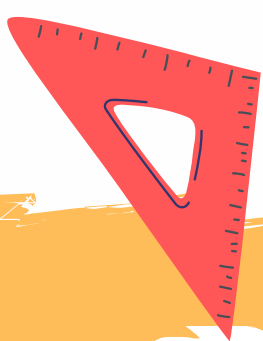
## MVPS Maths Problem Solving Challenge

# TERM 4 – WEEK 3

- Choose a 1-star, 2-star, or 3-star maths problem solving task below, to solve.
- Work through the problem using one of the Problem Solving Graphic Templates found attached to the newsletter (print it out). Colour in the number of stars to match your choice.
- Hand your completed and solved maths problem into the marked box in the library before Tuesday next week.
- Watch for the solutions and successful mathematicians in next week's newsletter.

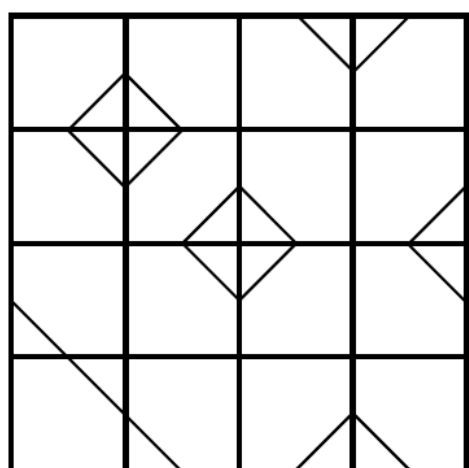
Happy solving!!!

The Maths Committee Team

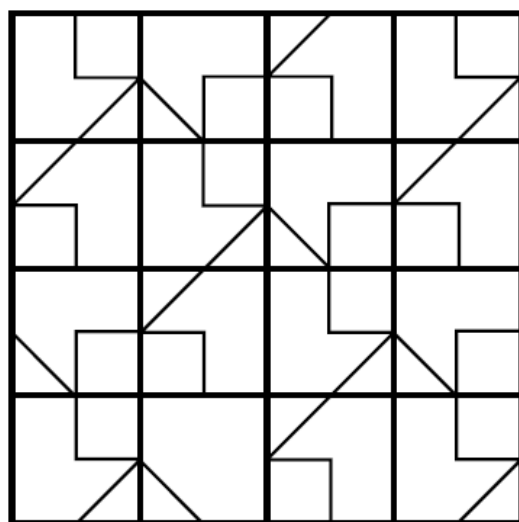


### ★ Odd One Out

1. Here is a grid of 16 squares. One square is different from all the others. Mark it on the grid.



2. Now do this one.



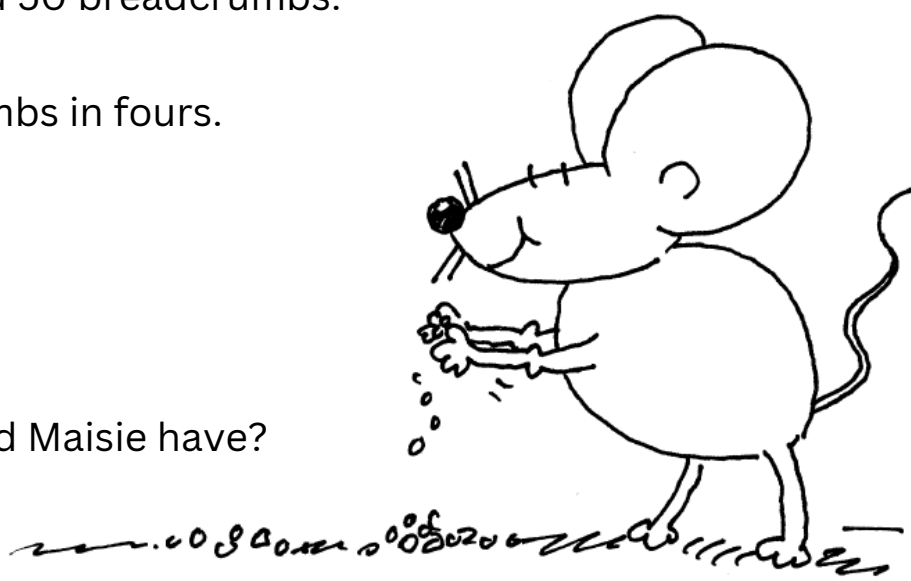
### ★★ Maisie the Mouse

Maisie had between 30 and 50 breadcrumbs.

She counted the breadcrumbs in fours.  
There were 2 left over.

She counted them in fives.  
There was 1 left over.

How many breadcrumbs did Maisie have?



### ★★★ Age Old Problems

1. My age this year is a multiple of 8.  
Next year it will be a multiple of 7.  
How old will I be?

2. Last year my age was a square number.  
Next year it will be a cube number.  
How old am I?  
How long must I wait until my age is both a square number and a cube?

3. My mum was 27 when I was born.  
8 years ago she was twice as old as I shall be in 5 years time.  
How old am I now?

Credit:

We'd like to attribute this week's maths Problem Solving tasks to National Numeracy Strategy UK.