Join our...

MVPS Maths Problem Solving Challenge

TERM 3 – WEEK 7

- 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

★ Gold Bars

Pete is a pirate.
His gold bars are in piles.
He can move one or more bars at a time.

He made all the piles the same height.
He made just two moves.
How did he do it?

★★ Card Tricks

Chico's cards are all different.
There is a number from 1 to 8 on each card.

Chico has chosen four cards that add up to 20.
What are they?

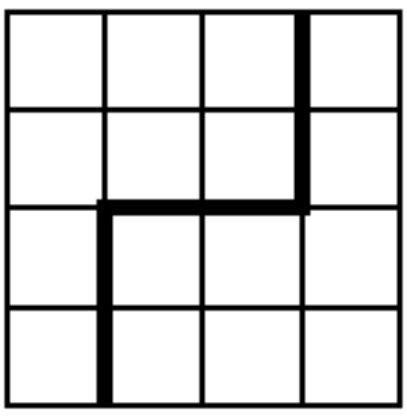
What if Chico has three cards that add up to 16?

There are seven different possibilities. Try to find them all.

★★★ Four by Four

You need some squared paper.

This 4 by 4 grid is divided into two identical parts.
Each part has the same area and the same shape.



Find five more ways of dividing the grid into two identical parts by drawing along the lines of the grid. Rotations and reflections do not count as different.

Explore ways of dividing a 4 by 4 grid into two parts with equal areas but different shapes.

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