MVPS Maths Problem Solving Challenge

TERM 3 – WEEK 9

- 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.
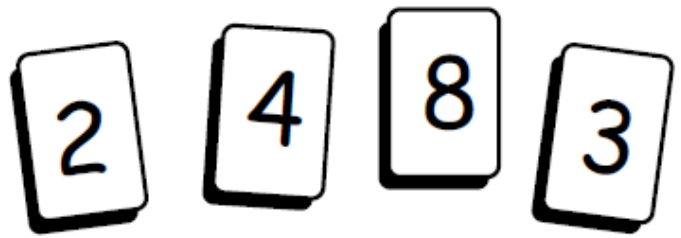- Watch for the solutions and successful mathematicians in next week's newsletter.

Happy solving!!!

The Maths Committee Team

★ Sum Up

Choose from these four cards:

Make these totals:
9,   10,   11,   12,   13,   14,   15

What other totals can you make from the cards?

★★ Queen Esmerelda's Coins

Queen Esmerelda had 20 gold coins.
She put them in four piles.

- The first pile had four more coins than the second.
- The second pile had one less than the third.
- The fourth pile had twice as many coins as the second.

How many gold coins did Esmerelda put in each pile?

★★★ Make Five Numbers

Take ten cards numbered 0 to 9.

Each time use all ten cards.
Arrange the cards to make:
A) five numbers that are multiples of 3
B) five numbers that are multiples of 7
C) five prime numbers

Make up more problems to use all ten cards to make five special numbers.