



MVPS Maths Problem Solving Challenge

TERM 3 – WEEK 7 ~SOLUTIONS~

Congratulations to the following students on successfully solving their maths problem:

Ava L - 5BC

Alice H - 5BC

Courtney H - 2H

Isla M - 1P

Grace C - KM

Arlo H - 3J

Grace B - 3J

Zoe J - 5BC

Ailsa B - 5T

Alana H - 5BC

Emma D - 5BC

Niki B - 5BC

Dorothy H - 1FH

Celia M - 3J

From Week 6:

Grace C - KM



The Maths Committee Team



Gold Bars

Move two bars from pile 1 to pile 3.

Move one bar from pile 4 to pile 2.



Card Tricks



Systematic working helps to make sure that all possibilities have been considered.

Four different cards with a total of 20 are:

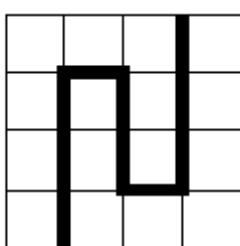
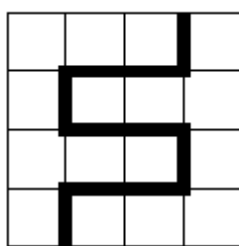
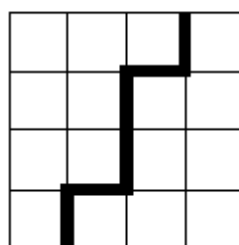
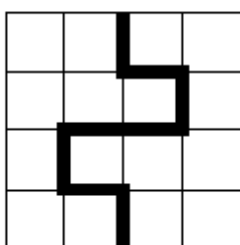
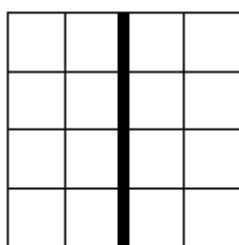
1, 4, 7, 8 2, 3, 7, 8 3, 4, 5, 8 1, 5, 6, 8
2, 4, 6, 8 3, 4, 6, 7 2, 5, 6, 7

Three different cards with a total of 16 are:

1, 7, 8 2, 6, 8 3, 5, 8 4, 5, 7 3, 6, 7



Four by Four



Credit:

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