



MVPS Maths Problem Solving Challenge

TERM 3 – WEEK 4 ~SOLUTIONS~

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

Zoe S - 3J

Sara S - 3J

Harper R - 3H

Elsie S - 1P

Dorothy H - 1FH

Alice H - 5BC

Grace C - KM

Courtney H - 2H

Luca S - 1C

Connor B - 1C

Nichola J - 3J

Arlo H - 3J

Henry S - 3N

Alana H - 5BC

From Week 3

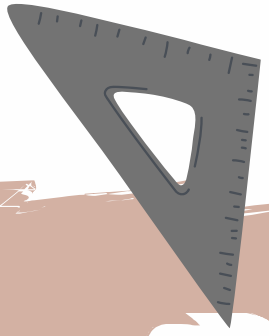
Jake K - 6B

Sara S - 3J

Elsie S - 1P

Courtney H - 2H

Benji H - 2W



The Maths Committee Team

★ **Snakes and Ladders**

Watching out for snakes, there are four different ways to get to 16 in two throws:

1 then 6; 3 then 4; 4 then 3; 5 then 2.

★★ **Spaceship**

3 Tripods (9 legs) and 7 Bipods (14 legs),

or

5 Tripods (15 legs) and 4 Bipods (8 legs).

★★★ **A Perfect Match**

1. A matchbox tray fits into its outer cover in 4 different ways.
2. A cube will fit into a box with any one of its faces uppermost. Each face can be rotated into any one of 4 different positions. So there are $6 \times 4 = 24$ ways of fitting the cube in the box.

Credit:

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