

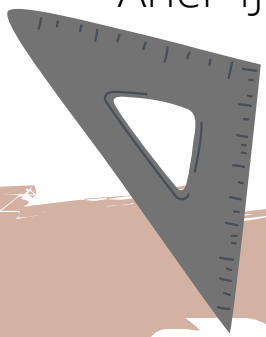


MVPS Maths Problem Solving Challenge

TERM 4 – WEEK 4 ~SOLUTIONS~

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

Lachlan KT	Alice 5BC
Dylan 1C	Alana 5BC
Dorothy 1FH	Emma 5BC
Luca 1C	
Isabelle 2S	
Rachel 3H	
Sara 3J	
Ariel 4J	



The Maths Committee Team

★ Line of Symmetry

There are five other ways for Gopal to arrange the squares:

red, green, blue, blue, green, red
green, red, blue, blue, red, green
green, blue, red, red, blue, green
blue, red, green, green, red, blue
blue, green, red, red, green, blue

What if Gopal has eight squares: two red, two blue, two green and two yellow?
How many different symmetrical lines can he make now? (24)

★★ Kieron's Cats

Kieron's cats eight 5kg, 2kg and 6kg.

★★★ Zids and Zods

There are 3 Zids with 4 spots and 4 Zods with 9 spots.

If Zods have 5 spots and Zods have 7 spots, the possible ways of making 140 are:

28 Zids;
21 Zids and 5 Zods;
14 Zids and 10 Zods;
7 Zids and 15 Zods;
20 Zods