



TERM 3 – WEEK 2 ~SOLUTIONS~

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

Elsie S - 1P

Luca S - 1C

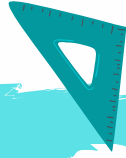
Isla M - 1P

Grace C - KM

Alana H - 5BC

Courtney H - 2H

Apologies to Benjie H from 2W for being a successful mathematician last week but being left off the list. Congratulations Benjie!



The Maths Committee Team

★ Gob-Stopper

Five different ways to pay \$6:

1. \$5 note + \$1 coin
2. \$2 + \$2 + \$2
3. \$2 + \$2 + \$1 + \$1
4. \$2 + \$1 + \$1 + \$1 + \$1
5. \$1 + \$1 + \$1 + \$1 + \$1 + \$1

Six different ways to pay \$7:

1. \$5 note + \$2 coin
2. \$5 + \$1 + \$1
3. \$2 + \$2 + \$2 + \$1
4. \$2 + \$2 + \$1 + \$1 + \$1
5. \$2 + \$1 + \$1 + \$1 + \$1 + \$1
6. \$1 + \$1 + \$1 + \$1 + \$1 + \$1 + \$1

★ ★ Roly Poly

1. The total number of dots on the dice is 21. Of these dots 17 are showing, so the face with 4 dots is face down.
2. The total number of dots on two dice is 42, so 12 dots are hidden. The two hidden faces must each have 6 dots.

★ ★ Joins

1. Using four numbers:
 - a. the highest score is $19 + 15 + 17 + 18 = 69$
 - b. the lowest score is $6 + 5 + 2 + 17 = 30$
2. Using five numbers:
 - a. the highest is $20 + 18 + 13 + 17 + 18 = 86$
 - b. the lowest is $6 + 18 + 2 + 5 + 6 = 37$
3. Using 5 numbers and diagonal joins only:
 - a. the highest is $19 + 17 + 14 + 15 + 18 = 83$
 - b. the lowest is $13 + 6 + 20 + 2 + 6 = 47$