



## *MVPS Maths Problem Solving Challenge*

# TERM 3 – WEEK 3 ~SOLUTIONS~

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

Grace C - KM

Alice H- 5BC

Dorothy H - 1FH

Benji Y - 1P

Isla M - 1P

Connor B - 1C

Luca S - 1C

Hudson M - 4S

Freddie A - 4B

Noah L - 4S

Seth T - 4B

Connor M - 4S

Max T - 4B

Jack S - 4J

Brielle H - 4S

Archie S - 4B

Sam - 4B

Aditya K - 4J

Caleb N - 4S

Louis F - 4J

Daniel P - 4S

Alana H - 5BC

Mitchell R - 1FH



*The Maths Committee Team*

### ★ Pick a Pair

There are six different sums and six different (positive) differences.

1.  $1 + 2 = 3$

$$1 + 4 = 5$$

$$2 + 4 = 6$$

$$1 + 8 = 9$$

$$2 + 8 = 10$$

$$4 + 8 = 12$$

2.  $2 - 1 = 1$

$$4 - 2 = 2$$

$$4 - 1 = 3$$

$$8 - 4 = 4$$

$$8 - 2 = 6$$

$$8 - 1 = 7$$

### ★★ Dan the Detective

1. 48

2. 63

### ★★★ Money Bags

Ram put:

\$1 in the first bag,

\$2 in the second bag,

\$4 in the third bag and

\$8 in the last bag.

Any sum from \$1 to \$15 can be made with these amounts.

Credit:

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