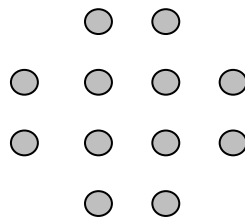# May 2018 challenge
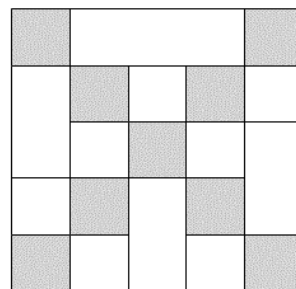
MIND-Xpander puzzle

Twelve Dot Challenge – Connect the 12 dots with 5 straight lines without lifting your pen or pencil off the paper or going through any dot twice. There may be several solutions, depending on your starting point, with similar results.

Can-u-figure-it-out puzzle

How many squares, of any size, are there in the following diagram?

EQUATE-Sums puzzles

The missing numbers are between 1 & 9. Each number can be used only once. The numbers in each row add up to the totals on the right, and the columns adds up to the totals along the bottom. The sum of the two diagonals are also given. Solve the puzzle by finding all the missing numbers that satisfy all the sums as shown.

Puzzle 1:

			=	15 (diagonal, top)
			=	15
		1	=	15
			=	15
=	=	=	=	
15	15	15		15

Puzzle 2:

			=	9 (diagonal, top)
			=	12
	5		=	15
			=	18
=	=	=	=	
12	15	18		21