



Gordon Burgin's Puzzles

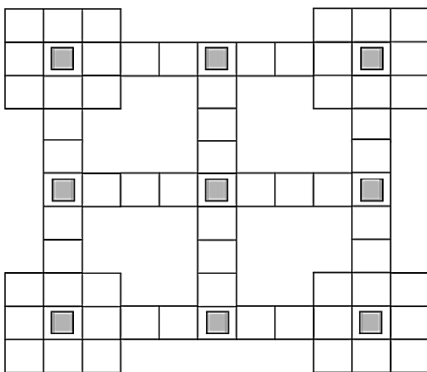
January 2019 challenge

MIND-Xpander Maths Puzzle

Four holes are drilled in a straight line in a rectangular steel plate. The distance between hole 1 and 4 is 35 mm. The distance between hole 2 and hole 3 is twice the distance between hole 1 and hole 2. The distance between hole 3 and hole 4 is the same as the distance between hole 2 and hole 3. What is the distance in milli-metres, between hole 1 and hole 3?

Can-You-Figure-It-Out Puzzle

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



EQUATE+0 Puzzle

Each row, column & diagonal is an equation and you use the numbers 1 to 9 to complete the equations. Each number can be used only once. 'No' numbers have been provided to get you started. Find the remaining nine numbers that satisfies all the resulting equations. Note – multiplication (x) & division (/) are performed before addition (+) and subtraction (-)

	/		-		=	-3	
-	+	/		+	=	9	
	/		+		=	23	
+		+	+	x	=	12	
	+		x		=	16	
=	=	=	=	=	=	12	
12	11	16	12				