



Gordon Burgin's Puzzles

August 2018 challenge

MIND-Xpander Logic puzzles

1. The total weight of a tin and cookies it contains is 2 pounds. After $\frac{3}{4}$ of the cookies are eaten, the tin and the remaining cookies weigh 0.8 pounds. What is the weight of the empty tin in pounds?
2. Insert + &/or - mathematical operation between each digit or group of digits to satisfy the following expression. (Note: There is more than one solution.)

$$8 \ 7 \ 6 \ 5 \ 4 \ 3 \ 2 \ 1 = 36$$

3. What is twice two thirds of three quarters of ten?

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. Find the missing numbers that satisfy all the resulting equations. Note – multiplication (x) & division (/) are performed before addition (+) and subtraction (-).

	X		X		=	30
X	+	+		X		
	X		+		=	10
X		+	+	+		
	-		+		=	8
=	=	=	=			
27	15	31	10			