



Gordon Burgin's Puzzles

September 2019 challenge

MIND-Xpander Numeric Puzzles

1. If $QC = 14$, $TJ = 10$ & $OK = 4$, what would $HA = ?$
2. What do you get if you divide 40 by a half and add 20 to the result?
3. How can you mathematically combine six 8's to make 1000? There is more than one solution.

Safety-code Logic Puzzle

To open this safe you must press all the buttons in the correct order. The number on each button tells you how many squares to move, and the letters tell you in which direction (U = up, D = down, L = left and R = right). Which is the first button you must press to open this safe?

1R	4D	2R	2D	4D
2D	3R	1R	1U	2D
1U	1U	OPEN	2L	4L
3U	2R	3U	1L	1U
3R	1U	2U	1L	4L

DARTS Numeric Puzzle

Using 4 darts and the following square dart board, find all combinations to score exactly 150. Numbers/boxes can be used more than once. All darts must be used, and each dart must be within one of the numbered boxes. (Note: there are several correct solutions.)

111	33	12	113
13	43	108	54
93	87	16	27
10	89	49	79

