

MATHS AND PUZZLES WITH VIDHULA

CODED MESSAGE

Use the codes below to uncover the hidden message!

22	14	25	2	3	7	19	15	8	9	26	17	12	
A	B	C	D	E	F	G	H	I	J	K	L	M	
16	23	11	1	6	13	5	10	20	24	4	27	21	18
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	!

3×5	$11 + 12$	$18 - 7$	$9 \div 3$		9×3	$11 + 12$	2×5

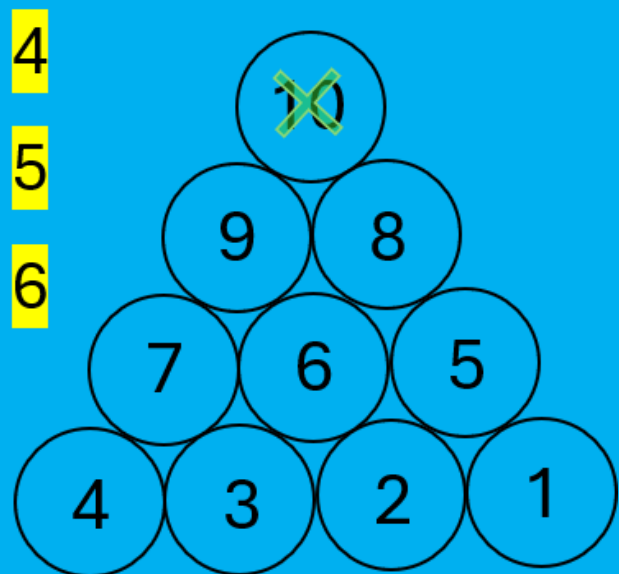
3×5	$15 + 7$	4×5	$9 \div 3$		$15 + 7$		$23 - 4$	$24 \div 4$	$9 \div 3$	$15 + 7$	$30 \div 6$	

3×5	$11 + 12$	$11 + 6$	$16 \div 2$	$4 - 2$	$15 + 7$	9×3	$36 \div 2$

8x8 WORD SUDOKU: Complete the Sudoku so that there is only one of each letter in each row, column and box.

H	O	L	I	D	A	Y	S
	D			O		L	H
O			Y	L	D		
A	L	S	D		H	O	I
		H		I	O	D	
L	I	D		A		H	Y
I			L	H	Y		D
	A	Y	H		L		O

MATH BOWLING: Using the numbers in yellow, calculate each of the numbers from 1 to 10 and cross them out. See if you can calculate them all! E.g. $6 + 4 = 10$



SOLUTIONS

Coded Message:

H	O	P	E		Y	O	U		H	A	V	E
3×5	$11 + 12$	$18 - 7$	$9 \div 3$		9×3	$11 + 12$	2×5		3×5	$15 \div 7$	4×5	$9 \div 3$

A		G	R	E	A	T		H	O	L	I	D	A	Y	!
$15 \div 7$		$23 - 4$	$24 \div 4$	$9 \div 3$	$15 \div 7$	$30 \div 6$		3×5	$11 + 12$	$11 \div 6$	$16 \div 2$	$4 - 2$	$15 \div 7$	9×3	$36 \div 2$

8x8 Word Sudoku:

H	O	L	I	D	A	Y	S
Y	D	A	S	O	I	L	H
O	H	I	Y	L	D	S	A
A	L	S	D	Y	H	O	I
S	Y	H	A	I	O	D	L
L	I	D	O	A	S	H	Y
I	S	O	L	H	Y	A	D
D	A	Y	H	S	L	I	O

Math Bowling:

Numbers: 4, 5, 6	
$6 - 5 = 1$	$6 \times (5 - 4) = 6$
$6 - 4 = 2$	$5 + \sqrt{4} = 7$
$6 \div \sqrt{4} = 3$	$6 + \sqrt{4} = 8$
$4 \times (6 - 5) = 4$	$5 + 4 = 9$
$4 + 6 - 5 = 5$	$6 + 4 = 10$