

MATHS AND PUZZLES WITH VIDHULA

2025 TERM 2 WEEK 7

9x9 SUDOKU: Complete the Sudoku so that there is only one of each number in each row, column and box.

	5	1	3	7		8		
	7				5			6
4	9				1	5		
3		5		4			9	
2			6		9			4
	8			2		6		1
		8	9				6	7
1			4				3	
		9		3	6	2	1	

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. $2 \times (5-2) = 6$

2

5

6x6 Colour Sudoku: Complete the Sudoku so that there is only one of each colour in each row, column and box.

Red	White	Yellow	Purple	Blue	Green
Blue	Green	White	Orange	Red	White
White	Red	Blue	Green	White	Orange
Green	Purple	White	Blue	Yellow	White
Purple	White	Green	Red	White	Blue
White	Blue	Red	Yellow	White	Purple

SOLUTIONS

9x9 Sudoku:

6	5	1	3	7	4	8	2	9
8	7	3	2	9	5	1	4	6
4	9	2	8	6	1	5	7	3
3	6	5	1	4	8	7	9	2
2	1	7	6	5	9	3	8	4
9	8	4	7	2	3	6	5	1
5	3	8	9	1	2	4	6	7
1	2	6	4	8	7	9	3	5
7	4	9	5	3	6	2	1	8

Math Bowling:

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

6x6 Colour Sudoku:

Red	Orange	Yellow	Purple	Blue	Green
Blue	Green	Purple	Orange	Red	Yellow
Yellow	Red	Blue	Green	Purple	Orange
Green	Purple	Orange	Blue	Yellow	Red
Purple	Yellow	Green	Red	Orange	Blue
Orange	Blue	Red	Yellow	Green	Purple