

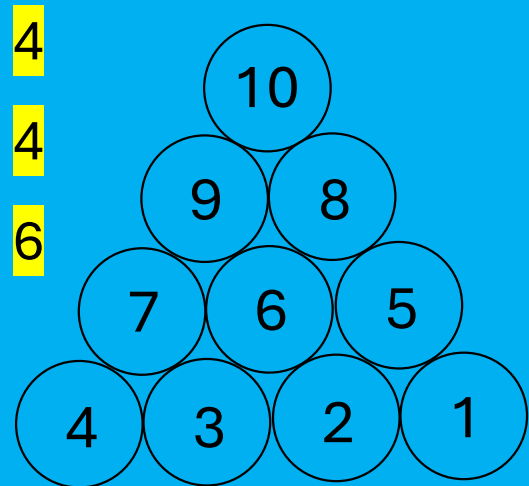
MATHS AND PUZZLES WITH VIDHULA

2025 TERM 4 WEEK 5

Odd and Even Sudoku: This sudoku has all the same rules as normal sudoku but even numbers go on one colour and odd numbers go on a different colour.

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

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. $\sqrt{4} = 2$



4x4 Colour Sudoku: Complete the Sudoku so that there is only one of each colour in each row, column and box.

Red	Yellow	Green	White
White	Purple	White	Red
Purple	White	Red	White
White	Red	White	Green

SOLUTIONS

Odd and Even Sudoku:

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

Math Bowling:

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

Colour Sudoku:

Red	Yellow	Green	Purple
Green	Purple	Yellow	Red
Purple	Green	Red	Yellow
Yellow	Red	Purple	Green