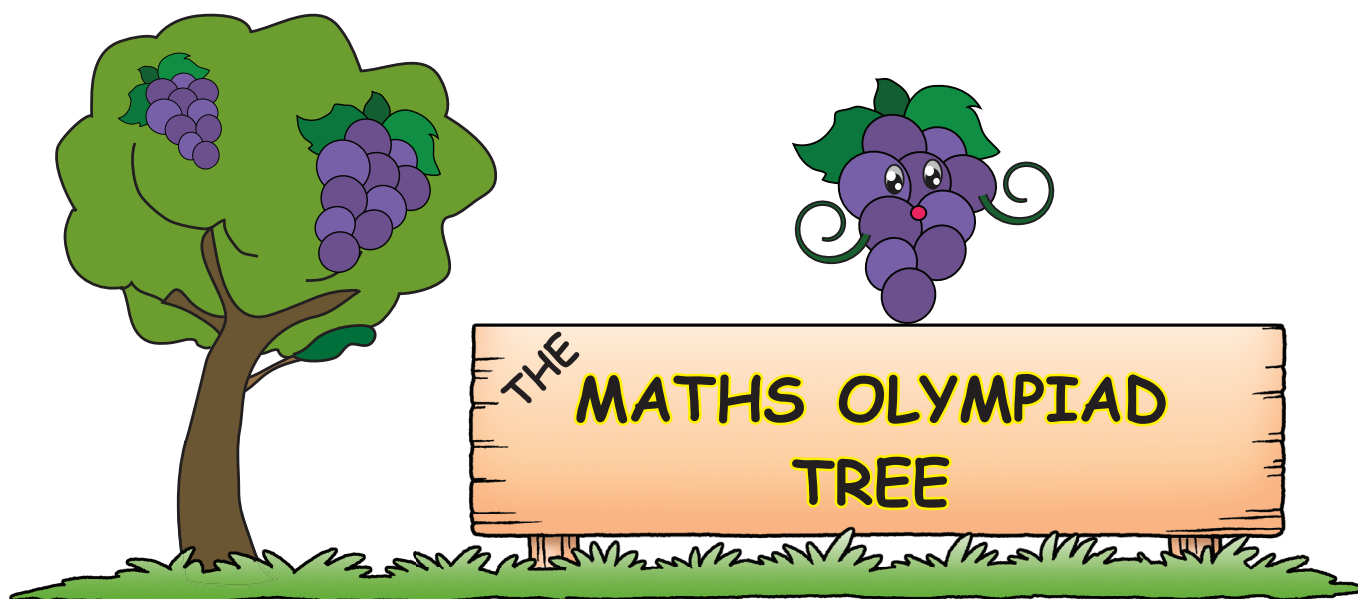
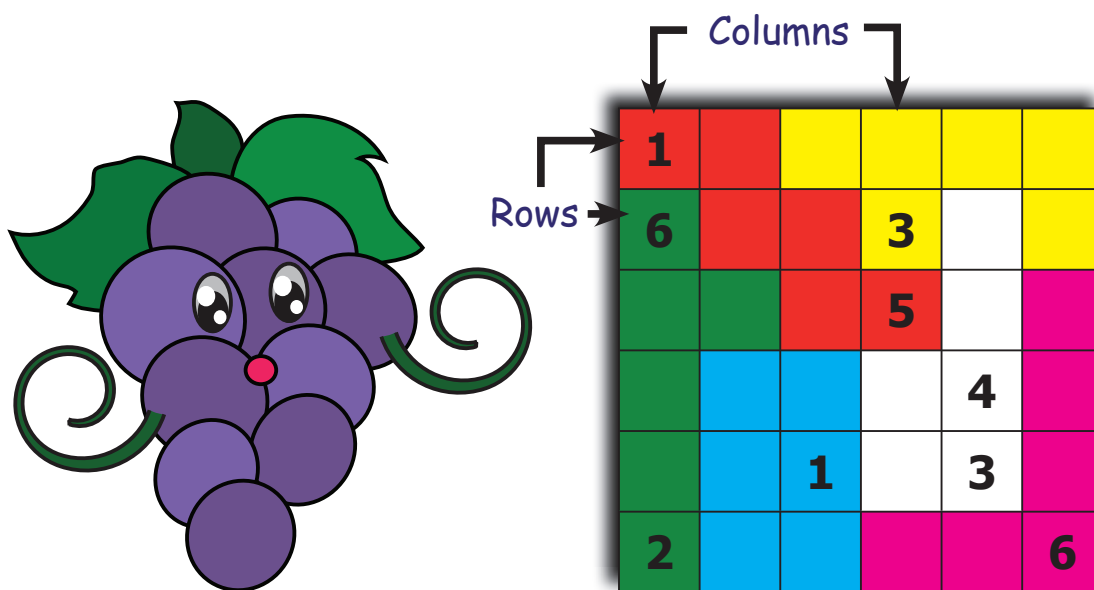




Solving puzzles can be a great way to hone your mathematical skills, for it often involves observation, analysis, and reasoning skills, which are some of the core skills required in doing maths problems. Today, let **General Grape** introduce to you a less-known variant of the popular classic puzzle Sudoku. Have fun!



In this puzzle, every row and every column must contain 1 and only 1 of each of the numbers 1, 2, 3, 4, 5, 6. In addition, every 'piece' of 6 squares(coloured a different colour) must also contain 1 and only 1 of each of the whole numbers from 1 to 6. Fill in the empty squares with a number each so that the above conditions are satisfied.

SOLUTIONS!!!

1. This is the only green square which we can fill '1' in.

2. This is the only yellow square which we can fill '1' in.

3. Now, this is the only white square which we can fill '1' in.

4. Hence, this is the only pink square which we can fill '1' in.

8. Among the yellow squares, this is now the only possible spot for '5'.

7. Now, in the last column, this is the only possible spot for '4'.

6. This is the only white square which can be '5'.

5. This square cannot be any of the other digits (1, 2, 3, 5, 6), so it must be '4'.

9. This is the only possible square for the '3' in the first row.

11. In the third row, this is the only square for '4'.

10. Among the red squares, this is the only possibility for '6'.

12. Complete the third row with '2' and '3' now.

1					
6			3		1
	1		5		
		1		4	
		1		3	
2				1	6

1	5			4	
6			3	5	1
	1		5		
			1	4	
		1		3	
2			4	1	6

1	3	5			4
6			3	5	1
4	1	6	5	2	3
			1	4	
		1		3	
2			4	1	6

SOLUTIONS!!!

14. Fill in the left column with '3' and '5'.

15. Fill in the bottom row with '3' and '5'.

13. Fill in the top row with '2' and '6'.

16. Now, fill in the right column with '5' and '2'.

18. Fill in the second row with '2' and '4'.

17. Fill in the fourth row with '6' and '2'.

19. Fill in the remaining numbers with '4' and '6'.

1	3	5	2	6	4
6			3	5	1
4	1	6	5	2	3
3			1	4	5
5		1		3	2
2	5	3	4	1	6

1	3	5	2	6	4
6	2	4	3	5	1
4	1	6	5	2	3
3	6	2	1	4	5
5	4	1	6	3	2
2	5	3	4	1	6