

MANDATORY MATHS SYLLABUS – FOR CLASS 6 TO 8

S.No	MANDATORY MATHS SYLLABUS
1	Addition Tricks
2	Subtraction tricks
3	Combination of Addition & Subtraction
4	Tables learning tricks
5	Multiplication tricks
6	Split & Merge
7	Complementary pairs
8	Percentage Basics
9	Values of Percentage
10	Multiplication Magics using Percentages
11	Difference method
12	Easy computation
13	Easy Division tricks
14	Combination of Multiplication & Division
15	Squaring tricks
16	Square root
17	Cubes tricks
18	Cube root
19	LCM
20	HCF
21	Fraction & Types
22	Addition & Subtraction of Fraction
23	Multiplication & Division of Fraction
24	Fraction to percentage
25	BODMAS

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S.No	MANDATORY MATHS SYLLABUS
26	Divisibility rule
27	Surds
28	Indices
29	Simplification
30	Power cycles
31	Types of Numbers
32	Prime numbers
33	Triangular number
34	Reminder formula
35	Factors
36	Factorial
37	Factorisation
38	Equation
39	Terms & Variables in Equation
40	Types of Equation
41	Equations with variables on both sides
42	Equation with fractions
43	Equation with the variable in the denominator
44	Linear equations word problems
45	Direct and Inverse Proportions
46	Unit Conversions
47	Profit & loss
48	Ratio's Proportion
49	Pythagorean theorem
50	Averages