

**7th std. Prefoundation course - topics covered**

1. Basic Properties of Numbers
2. Divisibility, HCF-LCM
3. Fractions
4. Algebraic Fractions
5. Ratio and Proportion
6. Percentage
7. Basic Geometry Revision
8. Angle Chasing
9. Square and Square Roots
10. Surds
11. Binomial Product - Surds
12. Rationalising Denominator
13. Indices (Positive and Negative)
14. Linear Equations
15. Congruence of Triangles
16. Pythagoras Theorem
17. Parallelograms
18. Perimeter and Area - Rectilinear figures
19. Circle (Geometry, Circumference and Area)
20. Perimeter and Area - Complex figures
21. Factorisation
22. Simultaneous Equations
23. Average
24. Direct and Inverse Proportion
25. Time, Speed and Distance
26. Time and Work