

OLYMPIAD INTERNATIONAL MATH SYLLABUS CLASS 3

Knowing numbers

- Numbers and their names (up to 4 digits)
- Expanded form
- Comparing number (up to 3 digits)
- Even and odd numbers
- Even and odd numbers on number line
- Skip counting puzzle
- Forming number (with and without repetition) from given information
- Ordinal numbers 1st to 100th
- Word problems

Mixed operation

- Addition and subtraction of four digit numbers
- Multiplication and division and their properties
- Lattice multiplication
- Balance addition and subtraction equation of four digit numbers
- Finding the missing numbers in addition and subtraction

sentences

- Complete the addition and subtraction sentences up to 3 digit

numbers

- Multiplication of one digit number by two and three digit numbers : word problem.
- Word problem (addition , subtraction, multiplication, division)

Fractions

- Like and unlike fractions
- Finding the fraction of shaded / unshaded part in the given figure
- Numerator and denominator concept in a fraction
- Arranging fractions in ascending and descending order
- Addition and subtraction of like and unlike fractions
- Word problems

Money

- Identification of coins and notes
- Inequalities with money
- Money required / left after shopping activities
- Add and subtract money amount
- Word problems

Time

- Reading time by clock
- Telling and writing time using A.M and P.M
- Relation between years, months week, days, hours, minutes and seconds
- Measuring time spend in daily activities
- Elapsed time

- Word problems

Measurements (length, weight, capacity and temperature)

- Measuring length using ruler scale
- Measuring quantities in units
- Choosing reasonable temperature
- Measuring temperature on thermometer in degree celcius and fahrenheit
- Compare and conversion of metric units of length
- Word problem

Geometry

- Identifying the two dimensional and three dimensional
- Properties of two and three dimensional figures
- Counting and comparing sides and vertices
- Measuring the total length of the boundary of the two dimensional figures
- Finding the missing side length of rectangles, squares and triangles
- Word problem

Data Handling

- Solve the questions using given information/ data in pictographs/ picture graphs
- Count and create pictographs
- Solve the questions using the given bar graphs Logical reasoning
- Number pattern / figure pattern

- Find the order
- Coding and decoding
- Mirror images
- Figure matrix and grouping of numbers
- Ranking test
- Alphabet test