



ALL INDIA COUNCIL FOR TECHNICAL SKILL DEVELOPMENT

अखिल भारतीय तांत्रिक कौशल्य विकास परिषद

Aryabhata National Maths Competition - 2023

Syllabus - Class 4

Time

- The Calendar
- The Clock
- A.M And P.M
- Conversion Of Time

Decimals

- Extending The Place Value Chart To Tenths
- Extending The Place Value Chart Hundredths
And Thousandths
- Converting Fractions Into Decimals
- Converting Decimals Into Fractions
- Equivalent Decimals



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- Expanded Form Of Decimals
- Comparing Decimals
- Addition Of Decimals
- Subtraction Of Decimals
- Use Of Decimals

Addition

- Adding 4-Digit Numbers Without carrying Over
- Digit Addition with carrying Over
- Addition of Three Or More Numbers
- Properties of Addition

Subtraction

- Subtracting 4-Digit Numbers Without Borrowing
- Digit Subtraction with Borrowing
- Properties of Subtraction
- Addition and subtraction



Multiplication

- **Multiplying 3- And 4-Digit Numbers by A 1-Digit Number**
- **Properties of Multiplication**
- **Multiplying By 10, 20, 30, ., 90**
- **Multiplying By 100, 200, , 900**
- **Multiplication Tables 11-20**
- **Distributive Property of Multiplication**
- **Multiplying by A 2-Digit Number**

Division

- **Properties of Division**
- **Dividing A 2-Digit Number by A 1-Digit Number**
- **Dividing A 3-Digit Number by A 1-Digit Number**
- **Division with Remainder**
- **Relationship Between Divisor, Dividend, Quotient and
Remainder**



Fractions

- Fraction On the Number Line
- Comparison of Fractions
- Equivalent Fractions
- Fraction of Collection of Objects
- Addition of The Fraction with The Same Denominator
- Addition of Fractions On the Number Line
- Subtraction of Fractions with The Same Denominator
- Subtraction on the Number Line

Numbers

- Digit Numbers
- Representing 1000 On The Abacus
- Place Value
- Place Value And Expanded Form
- Ordering Of Numbers



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- Odd And Even Numbers
- Successor And Predecessor
- Roman Numerals

Money

- Conversion Of Rupees Into Paise
- Conversion Of Paise To Rupees
- Addition Of Money
- Subtraction Of Money
- Multiplication Of Money

Profit And Loss

- Profit And Loss
- Finding Selling Price
- Finding Cost Price