

# Short Tricks

Course Schedule:

## Free Activity

### Maths Short Tricks

externalvideo	Number System   Multiply Just Above 10 - (in 10 seconds)
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externalvideo	Number System   Multiplication by 99, 999, 9999.
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externalvideo	Number System   Tricks on Divisibility (???)
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externalvideo	Number System   Divide by 9 with Remainder
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externalvideo	Number System   Tricks on Number Tree
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externalvideo	Simplification   Surds (???) Trick
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externalvideo	Average   Trick to Calculate Average When Item Exclude / Include
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externalvideo	Average   Trick to Calculate Value of New Quantity
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externalvideo	Average   Trick to Find Numbers in a group
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externalvideo	Average   Trick to Calculate Correct Average
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externalvideo	Average   Trick to Calculate Average of a group
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externalvideo

Percentage |Tricks for Common Percentage Calculations

externalvideo

Percentage |Expressing Number in Percentage

externalvideo

Percentage |Tricks to find Percentage Error

externalvideo

Percentage |Tricks to Calculate - One number with two Percentages

externalvideo

Percentage |Tricks on Percentage Increase/Decrease.

externalvideo

Percentage |Tricks - When Thing Increase and Decrease by Same Percent.

externalvideo

Percentage |Tricks on Successive Increase/Decrease.

externalvideo

Percentage |Tricks- When X Increased/Decreased by Y Percent.

externalvideo

Percentage |Tricks - X Percent more/less than Y.

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Square and Cube Root |Tricks on Square Roots.

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Square and Cube Root |Tricks to Find Square Root of Perfect Square.

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Square and Cube Root |Tricks to Solve Non Perfect Square.

externalvideo

Square and Cube Root |Tricks on Decimal Numbers.

externalvideo	Square and Cube Root  Tricks on Cube Root - Part 1
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externalvideo	Square and Cube Root  Tricks on Cube Root - Part 2
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externalvideo	Square and Cube Root  Tricks on Squaring 3 Digit Numbers.
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externalvideo	Square and Cube Root  Tricks on Squaring Number Ending with 1.
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externalvideo	Square and Cube Root  Tricks on Squaring Number Ending with 5
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externalvideo	Square and Cube Root  Tricks on Squaring Number Close to 50.
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externalvideo	Square and Cube Root  Tricks on Squaring Number Close to 100.
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externalvideo	Square and Cube Root  Tricks of Squaring Number Just Below 10,100,1000.
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externalvideo	Square and Cube Root  Tricks on Squaring any Two Digit Number.
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externalvideo	Square and Cube Root  Tricks to find Cube of just above 10,100....
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externalvideo	Square and Cube Root  Tricks to Find Cube Root upto 6 Digit.
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externalvideo	
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Square and Cube Root |Tricks to Find Cube of Any Number.

externalvideo

Partnership |Tricks to Find Profit ratio when investment-time ratio is given

externalvideo

HCF and LCM |Tricks to Find LCM by Using Coprime.

externalvideo

Quadratic Equations | Short Tricks

externalvideo

Profit and Loss |Tricks - When Cp of M = Sp of N items.

externalvideo

Profit and Loss |Tricks to Find Profit% when profit is SP of n Articles.

externalvideo

Profit and Loss |Tricks on M things at N rps and N things at M Rps.

externalvideo

Profit and Loss |Tricks to Find Gain percent in Dishonest Dealer.

externalvideo

Profit and Loss |Tricks to Calculate Overall Gain/loss %.

externalvideo

Profit and Loss |Tricks on Net Effect while Selling same item with Profit and Loss.

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Profit and Loss |Tricks to Calculate When Profit given on Marked Price.

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Profit and Loss |Tricks to Find New Selling Price

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Profit and Loss |Tricks on Condition of More Less Pricing.

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Profit and Loss |Tricks to Find Actual Profit When Profit Calculated on Selling Price.

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Profit and Loss |Tricks to Find Relation Between MP and CP.

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Time Speed and Distance |Tricks to Calculate Average Speed.

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Time Speed and Distance |Tricks - When Time Taken in Both Ways.

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Time Speed and Distance |Tricks on Relative Speed.

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Time Speed and Distance |Tricks - When Object in Same/Opposite Direction.

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Time Speed and Distance |Tricks to Calculate Speed of Faster/Slower Object.

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Mixture and Alligation |Tricks on Adding/Removing things for desired mixture.

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Mixture and Alligation |Tricks to Calculate Overall Profit Loss Percentage.

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Mixture and Alligation |Tricks on Resulting Mixture Ratio After Combining Different Ratio Mixture.

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Mixture and Alligation |Tricks to Find Ratio of two things to Get Desired Mixture.

externalvideo

Boats and Streams |Trick to Calculate Average Speed throughout the Journey.

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Boats and Streams |Trick - when Distance Traveled is same in Upstream and Downstream.

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Boats and Streams |Trick to Calculate Speed of Boat in Still Water.

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Pipe and Cistern |Tricks to Calculate Total Time to fill (with Outlet pipe).

## Reasoning Short Tricks

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Calendar |Trick of Finding a Day on a Date.

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Clocks |Tricks to Find Angle Between Two Hands.

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Clocks |Tricks - When Clocks Hands Together?

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Clocks |Tricks - When Hands at Right Angle?

externalvideo

Clocks |Tricks When Clock Hands x minutes Apart ?

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Seating Arrangement |Tricks to Find Total Number of Persons.

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Seating Arrangement |Tricks on Finding Number of Persons Between two Persons.

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Seating Arrangement |Tricks to Solve Position Interchanged Conditions.

externalvideo

Seating Arrangement |Tricks on Finding Minimum No of Persons in Linear Arrangement.

externalvideo

Problem on Ages |Tricks on Finding Present Age.

externalvideo

Problem on Ages |Tricks to Find Ages in Ratio.

externalvideo

Assemble Figure | Short Tricks.

externalvideo

Mirror Image | Short Tricks.

externalvideo

Figure Counting |Tricks to Count Number of Triangles with Bisectors and Horizontal Lines.

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Figure Counting |Tricks to Calculate Number of Squares.

externalvideo

Figure Counting |Tricks of Counting Squares within a Square.

externalvideo

Figure Counting |Tricks of Counting Rectangles within a Rectangle.

externalvideo

Figure Counting |Tricks of Counting Rectangles in a Square.

externalvideo

Figure Counting |Tricks of Counting Number of Triangles with Bisectors.

externalvideo	Figure Counting  Tricks of Counting Number of Triangles with Horizontal Lines.
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externalvideo	Figure Counting  Tricks of Counting Number of Triangles with Embedded Triangles.
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externalvideo	Figure Counting  Tricks of Counting Number of Triangles with Particular Pattern.
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externalvideo	Figure Counting  Tricks of Counting Number of Triangles in Square/Rectangle/Quadrilateral.
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externalvideo	Embedded Figure   Short Tricks.
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externalvideo	Paper Cutting and Folding   Short Tricks.
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### **English Root Words - Important Word List**

externalvideo	Root Words - Session 1
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externalvideo	Root Words - Session 2
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externalvideo	Root Words - Session 3
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externalvideo	Root Words - Session 4
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externalvideo	Root Words - Session 5
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externalvideo	Root Words - Session 6
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Root Words - Session 7

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Root Words - Session 8

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Root Words - Session 9

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Root Words - Session 10

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Root Words - Session 11

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Root Words - Session 12

externalvideo

Root Words - Session 13

externalvideo

Root Words - Session 14

externalvideo

Root Words - Session 15

externalvideo

Root Words - Session 16

externalvideo

Root Words - Session 17

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Root Words - Session 18

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Root Words - Session 19

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Root Words - Session 20

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Root Words - Session 21

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Root Words - Session 22

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Root Words - Session 23

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Root Words - Session 24

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Root Words - Session 25

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Root Words - Session 26

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Root Words - Session 27