

Ncert Solutions for class 10 Maths

1. [Real Numbers](#) ([Video Solutions for Real Numbers](#)) ([Extra Questions Real Numbers](#))

- 1.1 Introduction
- 1.2 Euclid's Division Lemma
- 1.3 The Fundamental Theorem Of Arithmetic
- 1.4 Revisiting Irrational Numbers
- 1.5 Revisiting Rational Numbers And Their Decimal Expansions
- 1.6 Summary

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- [NCERT Solutions for Social Sciences](#)

2. [Polynomials](#) ([Video Solutions Polynomials](#)) ([Extra Questions For Polynomials](#))

- 2.1 Introduction
- 2.2 Geometrical Meaning Of The Zeroes Of A Polynomial
- 2.3 Relationship Between Zeroes And Coefficients Of A Polynomial
- 2.4 Division Algorithm For Polynomials
- 2.5 Summary

3. [Pair of Linear Equations in Two Variables](#) ([Video Solutions Pair Of Linear Equations In Two Variables](#)) ([Extra Questions for Pair of Linear Equations in Two Variables](#))

- 3.1 Introduction
- 3.2 Pair Of Linear Equations In Two Variables
- 3.3 Graphical Method Of Solution Of A Pair Of Linear Equations
- 3.4 Algebraic Methods Of Solving A Pair Of Linear Equations
 - 3.4.1 Substitution Method
 - 3.4.2 Elimination Method
 - 3.4.3 Cross-Multiplication Method
- 3.5 Equations Reducible To A Pair Of Linear Equations In Two Variables
- 3.6 Summary

4. [Quadratic Equations](#) ([Video Solutions Quadratic Equations](#)) ([Extra Questions for Quadratic Equations](#))

- 4.1 Introduction
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- 4.3 Solution Of A Quadratic Equation By Factorisation
- 4.4 Solution Of A Quadratic Equation By Completing The Square
- 4.5 Nature Of Roots
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[More Resources for Quadratic Equations](#) (Chapterwise Previous Year Questions, SAQ, LAQ, NCERT Exemplar Solutions,)

5. [Arithmetic Progressions](#) ([Video Solutions Arithmetic Progressions](#)) ([Extra Questions for Arithmetic Progressions](#))

- 5.1 Introduction
- 5.2 Arithmetic Progressions

5.3 Nth Term Of An AP

5.4 Sum Of First N Terms Of An AP

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6. [Triangles](#) ([Video Solutions Triangles](#)) ([Extra Questions for Triangles](#))

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6.2 Similar Figures

6.3 Similarity Of Triangles

6.4 Criteria For Similarity Of Triangles

6.5 Areas Of Similar Triangles

6.6 Pythagoras Theorem

6.7 Summary

7. [Coordinate Geometry](#) ([Video Solutions Coordinate Geometry](#)) ([Extra Questions For Coordinate Geometry](#))

7.1 Introduction

7.2 Distance Formula

7.3 Section Formula

7.4 Area Of A Triangle

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8. [Introduction to Trigonometry](#) ([Video Solutions Introduction To Trigonometry](#)) ([Extra Questions for Introduction to Trigonometry](#))

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8.2 Trigonometric Ratios

8.3 Trigonometric Ratios Of Some Specific Angles

8.4 Trigonometric Ratios Of Complementary Angles

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9. [Some Applications of Trigonometry](#) ([Video Solutions Some Applications Of Trigonometry](#)) ([Extra Questions for Some Applications of Trigonometry](#))

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10. [Circles](#) ([Video Solutions Circles](#)) ([Extra Questions for Circles](#))

10.1 Introduction

10.2 Tangent To A Circle

10.3 Number Of Tangents From A Point On A Circle

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[Previous Year Questions for Circles CBSE Class 10 Maths](#) ([SAQs, VSAQs, Notes and many Resources for Circles](#))

11. [Constructions](#) ([Extra Questions for Circles](#))

11.1 Introduction

11.2 Division Of A Line Segment

11.3 Construction Of Tangents To A Circle

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12. [Areas Related to Circles \(Video Solutions Areas Related To Circles\)](#) ([Extra Questions for Areas Related to Circles](#))

12.1 Introduction

12.2 Perimeter And Area Of A Circle – A Review

12.3 Areas Of Sector And Segment Of A Circle

12.4 Areas Of Combinations Of Plane Figures

12.5 Summary

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[Areas Related to Circles NCERT solutions Class 10 Maths LAQ](#)

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[NCERT Exemplar solutions Class 10 Maths Areas Related to Circles SAQ](#)

[NCERT Exemplar solutions Class 10 Maths Areas Related to Circles LAQ](#)

13. [Surface Areas And Volumes \(Video Solutions Surface Areas and Volumes\)](#) ([Extra Questions for Surface areas and Volumes](#))

13.1 Introduction

13.2 Surface Area Of A Combination Of Solids

13.3 Volume Of A Combination Of Solids

13.4 Conversion Of Solid From One Shape To Another

13.5 Frustum Of A Cone

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14. [Statistics \(Video Solutions Statistics\)](#) ([Extra Questions for Statistics](#))

14.1 Introduction

14.2 Mean Of Grouped Data

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14.5 Graphical Representation Of Cumulative Frequency Distribution

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15. [Probability \(Video Solutions Probability\)](#) ([Extra Questions For Probability](#))

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[Previous Year Questions for Probability CBSE Class 10 Maths](#)

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[CBSE Summative Assessment for Class 10 Maths Probability VSAQ](#)

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