**Class IX**

Here is a list of all of the skills students learn in class IX! These skills are organised into categories, and you can move your mouse over any skill name to view a sample question. To start practising, just click on any link. IXL will track your score, and the questions will automatically increase in difficulty as you improve!

**Numbers**

1. [A.1Classify numbers](https://in.ixl.com/math/class-ix/classify-numbers)
2. [A.2Compare and order rational numbers](https://in.ixl.com/math/class-ix/compare-and-order-rational-numbers)
3. [A.3Number lines](https://in.ixl.com/math/class-ix/number-lines)
4. [A.4Convert between decimals and fractions](https://in.ixl.com/math/class-ix/convert-between-decimals-and-fractions)
5. [A.5Square roots](https://in.ixl.com/math/class-ix/square-roots)
6. [A.6Cube roots](https://in.ixl.com/math/class-ix/cube-roots)

**Operations**

1. [B.1Add, subtract, multiply and divide integers](https://in.ixl.com/math/class-ix/add-subtract-multiply-and-divide-integers)
2. [B.2Order of operations with integers](https://in.ixl.com/math/class-ix/order-of-operations-with-integers)
3. [B.3Evaluate variable expressions involving integers](https://in.ixl.com/math/class-ix/evaluate-variable-expressions-involving-integers)
4. [B.4Add and subtract rational numbers](https://in.ixl.com/math/class-ix/add-and-subtract-rational-numbers)
5. [B.5Multiply and divide rational numbers](https://in.ixl.com/math/class-ix/multiply-and-divide-rational-numbers)
6. [B.6Order of operations with rational numbers](https://in.ixl.com/math/class-ix/order-of-operations-with-rational-numbers)
7. [B.7Evaluate variable expressions involving rational numbers](https://in.ixl.com/math/class-ix/evaluate-variable-expressions-involving-rational-numbers)

**Ratios and proportions**

1. [C.1Identify equivalent ratios](https://in.ixl.com/math/class-ix/identify-equivalent-ratios)
2. [C.2Equivalent ratios: fill in the missing number](https://in.ixl.com/math/class-ix/equivalent-ratios-fill-in-the-missing-number)
3. [C.3Unit rates](https://in.ixl.com/math/class-ix/unit-rates)
4. [C.4Unit prices](https://in.ixl.com/math/class-ix/unit-prices)
5. [C.5Solve proportions](https://in.ixl.com/math/class-ix/solve-proportions)
6. [C.6Solve proportions: word problems](https://in.ixl.com/math/class-ix/solve-proportions-word-problems)
7. [C.7Scale drawings and scale factors](https://in.ixl.com/math/class-ix/scale-drawings-and-scale-factors)

**Percents**

1. [D.1Convert between percents, fractions and decimals](https://in.ixl.com/math/class-ix/convert-between-percents-fractions-and-decimals)
2. [D.2Solve percent equations](https://in.ixl.com/math/class-ix/solve-percent-equations)
3. [D.3Percent word problems](https://in.ixl.com/math/class-ix/percent-word-problems)
4. [D.4Percent of change](https://in.ixl.com/math/class-ix/percent-of-change)
5. [D.5Percent of change: word problems](https://in.ixl.com/math/class-ix/percent-of-change-word-problems)
6. [D.6Percent of a number: VAT, discount and more](https://in.ixl.com/math/class-ix/percent-of-a-number-vat-discount-and-more)
7. [D.7Find the percent: discount and mark-up](https://in.ixl.com/math/class-ix/find-the-percent-discount-and-mark-up)
8. [D.8Multi-step problems with percents](https://in.ixl.com/math/class-ix/multi-step-problems-with-percents)

**Measurement**

1. [E.1Convert rates and measurements](https://in.ixl.com/math/class-ix/convert-rates-and-measurements)
2. [E.2Precision](https://in.ixl.com/math/class-ix/precision)
3. [E.3Greatest possible error](https://in.ixl.com/math/class-ix/greatest-possible-error)
4. [E.4Minimum and maximum area and volume](https://in.ixl.com/math/class-ix/minimum-and-maximum-area-and-volume)
5. [E.5Percent error](https://in.ixl.com/math/class-ix/percent-error)
6. [E.6Percent error: area and volume](https://in.ixl.com/math/class-ix/percent-error-area-and-volume)

**Lines and angles**

1. [F.1Transversals: name angle pairs](https://in.ixl.com/math/class-ix/transversals-name-angle-pairs)
2. [F.2Transversals of parallel lines: find angle measures](https://in.ixl.com/math/class-ix/transversals-of-parallel-lines-find-angle-measures)
3. [F.3Identify complementary, supplementary, vertical, adjacent, and congruent angles](https://in.ixl.com/math/class-ix/identify-complementary-supplementary-vertical-adjacent-and-congruent-angles)
4. [F.4Find measures of complementary, supplementary, vertical, and adjacent angles](https://in.ixl.com/math/class-ix/find-measures-of-complementary-supplementary-vertical-and-adjacent-angles)

**Triangles**

1. [G.1Classify triangles](https://in.ixl.com/math/class-ix/classify-triangles)
2. [G.2Triangle angle-sum property](https://in.ixl.com/math/class-ix/triangle-angle-sum-property)
3. [G.3Exterior angle property](https://in.ixl.com/math/class-ix/exterior-angle-property)
4. [G.4Exterior angle inequality](https://in.ixl.com/math/class-ix/exterior-angle-inequality)
5. [G.5Angle-side relationships in triangles](https://in.ixl.com/math/class-ix/angle-side-relationships-in-triangles)
6. [G.6Triangle Inequality Theorem](https://in.ixl.com/math/class-ix/triangle-inequality-theorem)
7. [G.7Midsegments of triangles](https://in.ixl.com/math/class-ix/midsegments-of-triangles)
8. [G.8SSS, SAS, and ASA Theorems](https://in.ixl.com/math/class-ix/sss-sas-and-asa-theorems)
9. [G.9SSS Theorem in the coordinate plane](https://in.ixl.com/math/class-ix/sss-theorem-in-the-coordinate-plane)
10. [G.10Congruency in isosceles and equilateral triangles](https://in.ixl.com/math/class-ix/congruency-in-isosceles-and-equilateral-triangles)
11. [G.11Hypotenuse-Leg Theorem](https://in.ixl.com/math/class-ix/hypotenuse-leg-theorem)

**Quadrilaterals**

1. [H.1Classify quadrilaterals](https://in.ixl.com/math/class-ix/classify-quadrilaterals)
2. [H.2Properties of parallelograms](https://in.ixl.com/math/class-ix/properties-of-parallelograms)
3. [H.3Proving a quadrilateral is a parallelogram](https://in.ixl.com/math/class-ix/proving-a-quadrilateral-is-a-parallelogram)
4. [H.4Properties of rhombuses](https://in.ixl.com/math/class-ix/properties-of-rhombuses)
5. [H.5Properties of squares and rectangles](https://in.ixl.com/math/class-ix/properties-of-squares-and-rectangles)
6. [H.6Properties of trapeziums](https://in.ixl.com/math/class-ix/properties-of-trapeziums)
7. [H.7Properties of kites](https://in.ixl.com/math/class-ix/properties-of-kites)
8. [H.8Review: properties of quadrilaterals](https://in.ixl.com/math/class-ix/review-properties-of-quadrilaterals)

**Polygons**

1. [I.1Polygon vocabulary](https://in.ixl.com/math/class-ix/polygon-vocabulary)
2. [I.2Interior angles of polygons](https://in.ixl.com/math/class-ix/interior-angles-of-polygons)
3. [I.3Exterior angles of polygons](https://in.ixl.com/math/class-ix/exterior-angles-of-polygons)
4. [I.4Review: interior and exterior angles of polygons](https://in.ixl.com/math/class-ix/review-interior-and-exterior-angles-of-polygons)

**Area and perimeter**

1. [J.1Perimeter](https://in.ixl.com/math/class-ix/perimeter)
2. [J.2Area of rectangles and squares](https://in.ixl.com/math/class-ix/area-of-rectangles-and-squares)
3. [J.3Area of parallelograms and triangles](https://in.ixl.com/math/class-ix/area-of-parallelograms-and-triangles)
4. [J.4Area of trapeziums](https://in.ixl.com/math/class-ix/area-of-trapeziums)
5. [J.5Area and circumference of circles](https://in.ixl.com/math/class-ix/area-and-circumference-of-circles)
6. [J.6Area of compound figures](https://in.ixl.com/math/class-ix/area-of-compound-figures)
7. [J.7Area between two shapes](https://in.ixl.com/math/class-ix/area-between-two-shapes)
8. [J.8Area and perimeter mixed review](https://in.ixl.com/math/class-ix/area-and-perimeter-mixed-review)
9. [J.9Heron's formula](https://in.ixl.com/math/class-ix/heron-s-formula)

**Surface area and volume**

1. [K.1Introduction to surface area and volume](https://in.ixl.com/math/class-ix/introduction-to-surface-area-and-volume)
2. [K.2Surface area of prisms and cylinders](https://in.ixl.com/math/class-ix/surface-area-of-prisms-and-cylinders)
3. [K.3Surface area of cones](https://in.ixl.com/math/class-ix/surface-area-of-cones)
4. [K.4Volume of prisms and cylinders](https://in.ixl.com/math/class-ix/volume-of-prisms-and-cylinders)
5. [K.5Volume of cones](https://in.ixl.com/math/class-ix/volume-of-cones)
6. [K.6Surface area and volume of spheres](https://in.ixl.com/math/class-ix/surface-area-and-volume-of-spheres)
7. [K.7Surface area and volume review](https://in.ixl.com/math/class-ix/surface-area-and-volume-review)

**Circles**

1. [L.1Parts of a circle](https://in.ixl.com/math/class-ix/parts-of-a-circle)
2. [L.2Central angles](https://in.ixl.com/math/class-ix/central-angles)
3. [L.3Arc measure and arc length](https://in.ixl.com/math/class-ix/arc-measure-and-arc-length)
4. [L.4Area of sectors](https://in.ixl.com/math/class-ix/area-of-sectors)
5. [L.5Circle measurements: mixed review](https://in.ixl.com/math/class-ix/circle-measurements-mixed-review)
6. [L.6Arcs and chords](https://in.ixl.com/math/class-ix/arcs-and-chords)
7. [L.7Tangent lines](https://in.ixl.com/math/class-ix/tangent-lines)
8. [L.8Perimeter of polygons with an inscribed circle](https://in.ixl.com/math/class-ix/perimeter-of-polygons-with-an-inscribed-circle)
9. [L.9Inscribed angles](https://in.ixl.com/math/class-ix/inscribed-angles)
10. [L.10Angles in inscribed right triangles](https://in.ixl.com/math/class-ix/angles-in-inscribed-right-triangles)
11. [L.11Angles in inscribed quadrilaterals](https://in.ixl.com/math/class-ix/angles-in-inscribed-quadrilaterals)

**Constructions**

1. [M.1Construct the midpoint or perpendicular bisector of a segment](https://in.ixl.com/math/class-ix/construct-the-midpoint-or-perpendicular-bisector-of-a-segment)
2. [M.2Construct an angle bisector](https://in.ixl.com/math/class-ix/construct-an-angle-bisector)
3. [M.3Construct a congruent angle](https://in.ixl.com/math/class-ix/construct-a-congruent-angle)
4. [M.4Construct an equilateral triangle or regular hexagon](https://in.ixl.com/math/class-ix/construct-an-equilateral-triangle-or-regular-hexagon)

**Solve equations**

1. [N.1Model and solve equations using algebra tiles](https://in.ixl.com/math/class-ix/model-and-solve-equations-using-algebra-tiles)
2. [N.2Write and solve equations that represent diagrams](https://in.ixl.com/math/class-ix/write-and-solve-equations-that-represent-diagrams)
3. [N.3Solve one-step linear equations](https://in.ixl.com/math/class-ix/solve-one-step-linear-equations)
4. [N.4Solve two-step linear equations](https://in.ixl.com/math/class-ix/solve-two-step-linear-equations)
5. [N.5Solve advanced linear equations](https://in.ixl.com/math/class-ix/solve-advanced-linear-equations)
6. [N.6Solve equations with variables on both sides](https://in.ixl.com/math/class-ix/solve-equations-with-variables-on-both-sides)
7. [N.7Identities and equations with no solutions](https://in.ixl.com/math/class-ix/identities-and-equations-with-no-solutions)
8. [N.8Solve linear equations: word problems](https://in.ixl.com/math/class-ix/solve-linear-equations-word-problems)
9. [N.9Solve linear equations: mixed review](https://in.ixl.com/math/class-ix/solve-linear-equations-mixed-review)

**Data and graphs**

1. [O.1Interpret bar graphs, line graphs and histograms](https://in.ixl.com/math/class-ix/interpret-bar-graphs-line-graphs-and-histograms)
2. [O.2Create bar graphs, line graphs and histograms](https://in.ixl.com/math/class-ix/create-bar-graphs-line-graphs-and-histograms)
3. [O.3Circle graphs](https://in.ixl.com/math/class-ix/circle-graphs)
4. [O.4Interpret stem-and-leaf plots](https://in.ixl.com/math/class-ix/interpret-stem-and-leaf-plots)

**Problem solving**

1. [P.1Word problems: mixed review](https://in.ixl.com/math/class-ix/word-problems-mixed-review)
2. [P.2Word problems with money](https://in.ixl.com/math/class-ix/word-problems-with-money)
3. [P.3Consecutive integer problems](https://in.ixl.com/math/class-ix/consecutive-integer-problems)
4. [P.4Rate of travel: word problems](https://in.ixl.com/math/class-ix/rate-of-travel-word-problems)
5. [P.5Weighted averages: word problems](https://in.ixl.com/math/class-ix/weighted-averages-word-problems)

**Logic**

1. [Q.1Identify hypotheses and conclusions](https://in.ixl.com/math/class-ix/identify-hypotheses-and-conclusions)
2. [Q.2Counterexamples](https://in.ixl.com/math/class-ix/counterexamples)

**Coordinate graphs**

1. [R.1Points on coordinate graphs](https://in.ixl.com/math/class-ix/points-on-coordinate-graphs)
2. [R.2Quadrants and axes](https://in.ixl.com/math/class-ix/quadrants-and-axes)

**Direct variation**

1. [S.1Identify proportional relationships](https://in.ixl.com/math/class-ix/identify-proportional-relationships)
2. [S.2Find the constant of variation](https://in.ixl.com/math/class-ix/find-the-constant-of-variation)
3. [S.3Graph a proportional relationship](https://in.ixl.com/math/class-ix/graph-a-proportional-relationship)
4. [S.4Write direct variation equations](https://in.ixl.com/math/class-ix/write-direct-variation-equations)
5. [S.5Write and solve direct variation equations](https://in.ixl.com/math/class-ix/write-and-solve-direct-variation-equations)

**Linear equations**

1. [T.1Identify linear equations](https://in.ixl.com/math/class-ix/identify-linear-equations)
2. [T.2Find the slope of a graph](https://in.ixl.com/math/class-ix/find-the-slope-of-a-graph)
3. [T.3Find slope from two points](https://in.ixl.com/math/class-ix/find-slope-from-two-points)
4. [T.4Find a missing coordinate using slope](https://in.ixl.com/math/class-ix/find-a-missing-coordinate-using-slope)
5. [T.5Write equations in standard form](https://in.ixl.com/math/class-ix/write-equations-in-standard-form)
6. [T.6Standard form: find x- and y-intercepts](https://in.ixl.com/math/class-ix/standard-form-find-x-and-y-intercepts)
7. [T.7Standard form: graph an equation](https://in.ixl.com/math/class-ix/standard-form-graph-an-equation)
8. [T.8Equations of horizontal and vertical lines](https://in.ixl.com/math/class-ix/equations-of-horizontal-and-vertical-lines)
9. [T.9Graph a horizontal or vertical line](https://in.ixl.com/math/class-ix/graph-a-horizontal-or-vertical-line)
10. [T.10Slope-intercept form: find slope and y-intercept](https://in.ixl.com/math/class-ix/slope-intercept-form-find-slope-and-y-intercept)
11. [T.11Slope-intercept form: graph an equation](https://in.ixl.com/math/class-ix/slope-intercept-form-graph-an-equation)
12. [T.12Slope-intercept form: write an equation from a graph](https://in.ixl.com/math/class-ix/slope-intercept-form-write-an-equation-from-a-graph)
13. [T.13Slope-intercept form: write an equation](https://in.ixl.com/math/class-ix/slope-intercept-form-write-an-equation)
14. [T.14Linear equations: solve for y](https://in.ixl.com/math/class-ix/linear-equations-solve-for-y)
15. [T.15Linear equation word problems](https://in.ixl.com/math/class-ix/linear-equation-word-problems)
16. [T.16Slopes of parallel and perpendicular lines](https://in.ixl.com/math/class-ix/slopes-of-parallel-and-perpendicular-lines)
17. [T.17Write an equation for a parallel or perpendicular line](https://in.ixl.com/math/class-ix/write-an-equation-for-a-parallel-or-perpendicular-line)

**Exponents**

1. [U.1Exponents with integer bases](https://in.ixl.com/math/class-ix/exponents-with-integer-bases)
2. [U.2Exponents with decimal and fractional bases](https://in.ixl.com/math/class-ix/exponents-with-decimal-and-fractional-bases)
3. [U.3Negative exponents](https://in.ixl.com/math/class-ix/negative-exponents)
4. [U.4Multiplication with exponents](https://in.ixl.com/math/class-ix/multiplication-with-exponents)
5. [U.5Division with exponents](https://in.ixl.com/math/class-ix/division-with-exponents)
6. [U.6Multiplication and division with exponents](https://in.ixl.com/math/class-ix/multiplication-and-division-with-exponents)
7. [U.7Power rule](https://in.ixl.com/math/class-ix/power-rule)
8. [U.8Simplify expressions involving exponents](https://in.ixl.com/math/class-ix/simplify-expressions-involving-exponents)

**Rational exponents**

1. [V.1Evaluate rational exponents](https://in.ixl.com/math/class-ix/evaluate-rational-exponents)
2. [V.2Multiplication with rational exponents](https://in.ixl.com/math/class-ix/multiplication-with-rational-exponents)
3. [V.3Division with rational exponents](https://in.ixl.com/math/class-ix/division-with-rational-exponents)
4. [V.4Power rule with rational exponents](https://in.ixl.com/math/class-ix/power-rule-with-rational-exponents)
5. [V.5Simplify expressions involving rational exponents I](https://in.ixl.com/math/class-ix/simplify-expressions-involving-rational-exponents)
6. [V.6Simplify expressions involving rational exponents II](https://in.ixl.com/math/class-ix/simplify-expressions-involving-rational-exponents-ii)

**Logarithms**

1. [W.1Convert between exponential and logarithmic form: rational bases](https://in.ixl.com/math/class-ix/convert-between-exponential-and-logarithmic-form-rational-bases)
2. [W.2Evaluate logarithms](https://in.ixl.com/math/class-ix/evaluate-logarithms)
3. [W.3Change of base formula](https://in.ixl.com/math/class-ix/change-of-base-formula)
4. [W.4Identify properties of logarithms](https://in.ixl.com/math/class-ix/identify-properties-of-logarithms)
5. [W.5Product property of logarithms](https://in.ixl.com/math/class-ix/product-property-of-logarithms)
6. [W.6Quotient property of logarithms](https://in.ixl.com/math/class-ix/quotient-property-of-logarithms)
7. [W.7Power property of logarithms](https://in.ixl.com/math/class-ix/power-property-of-logarithms)
8. [W.8Properties of logarithms: mixed review](https://in.ixl.com/math/class-ix/properties-of-logarithms-mixed-review)
9. [W.9Evaluate logarithms: mixed review](https://in.ixl.com/math/class-ix/evaluate-logarithms-mixed-review)

**Scientific notation**

1. [X.1Convert between standard and scientific notation](https://in.ixl.com/math/class-ix/convert-between-standard-and-scientific-notation)
2. [X.2Compare numbers written in scientific notation](https://in.ixl.com/math/class-ix/compare-numbers-written-in-scientific-notation)
3. [X.3Multiply numbers written in scientific notation](https://in.ixl.com/math/class-ix/multiply-numbers-written-in-scientific-notation)
4. [X.4Divide numbers written in scientific notation](https://in.ixl.com/math/class-ix/divide-numbers-written-in-scientific-notation)

**Monomials**

1. [Y.1Identify monomials](https://in.ixl.com/math/class-ix/identify-monomials)
2. [Y.2Multiply monomials](https://in.ixl.com/math/class-ix/multiply-monomials)
3. [Y.3Divide monomials](https://in.ixl.com/math/class-ix/divide-monomials)
4. [Y.4Multiply and divide monomials](https://in.ixl.com/math/class-ix/multiply-and-divide-monomials)
5. [Y.5Powers of monomials](https://in.ixl.com/math/class-ix/powers-of-monomials)

**Polynomials**

1. [Z.1Polynomial vocabulary](https://in.ixl.com/math/class-ix/polynomial-vocabulary)
2. [Z.2Model polynomials with algebra tiles](https://in.ixl.com/math/class-ix/model-polynomials-with-algebra-tiles)
3. [Z.3Add and subtract polynomials using algebra tiles](https://in.ixl.com/math/class-ix/add-and-subtract-polynomials-using-algebra-tiles)
4. [Z.4Add and subtract polynomials](https://in.ixl.com/math/class-ix/add-and-subtract-polynomials)
5. [Z.5Add polynomials to find perimeter](https://in.ixl.com/math/class-ix/add-polynomials-to-find-perimeter)
6. [Z.6Multiply a polynomial by a monomial](https://in.ixl.com/math/class-ix/multiply-a-polynomial-by-a-monomial)
7. [Z.7Multiply two polynomials using algebra tiles](https://in.ixl.com/math/class-ix/multiply-two-polynomials-using-algebra-tiles)
8. [Z.8Multiply two binomials](https://in.ixl.com/math/class-ix/multiply-two-binomials)
9. [Z.9Multiply two binomials: special cases](https://in.ixl.com/math/class-ix/multiply-two-binomials-special-cases)
10. [Z.10Multiply polynomials](https://in.ixl.com/math/class-ix/multiply-polynomials)
11. [Z.11Write a polynomial from its roots](https://in.ixl.com/math/class-ix/write-a-polynomial-from-its-roots)
12. [Z.12Find the roots of factorised polynomials](https://in.ixl.com/math/class-ix/find-the-roots-of-factorised-polynomials)

**Factorising**

1. [AA.1GCF of monomials](https://in.ixl.com/math/class-ix/gcf-of-monomials)
2. [AA.2Factorise out a monomial](https://in.ixl.com/math/class-ix/factorise-out-a-monomial)
3. [AA.3Factorise quadratics with leading coefficient 1](https://in.ixl.com/math/class-ix/factorise-quadratics-with-leading-coefficient-1)
4. [AA.4Factorise quadratics with other leading coefficients](https://in.ixl.com/math/class-ix/factorise-quadratics-with-other-leading-coefficients)
5. [AA.5Factorise quadratics: special cases](https://in.ixl.com/math/class-ix/factorise-quadratics-special-cases)
6. [AA.6Factorise quadratics using algebra tiles](https://in.ixl.com/math/class-ix/factorise-quadratics-using-algebra-tiles)
7. [AA.7Factorise by grouping](https://in.ixl.com/math/class-ix/factorise-by-grouping)
8. [AA.8Factorise polynomials](https://in.ixl.com/math/class-ix/factorise-polynomials)

**Quadratic equations**

1. [BB.1Characteristics of quadratic equations](https://in.ixl.com/math/class-ix/characteristics-of-quadratic-equations)
2. [BB.2Complete a table: quadratic equations](https://in.ixl.com/math/class-ix/complete-a-table-quadratic-equations)
3. [BB.3Solve a quadratic equation using square roots](https://in.ixl.com/math/class-ix/solve-a-quadratic-equation-using-square-roots)
4. [BB.4Solve an equation using the zero product property](https://in.ixl.com/math/class-ix/solve-an-equation-using-the-zero-product-property)
5. [BB.5Solve a quadratic equation by factorising](https://in.ixl.com/math/class-ix/solve-a-quadratic-equation-by-factorising)
6. [BB.6Solve a quadratic equation using the quadratic formula](https://in.ixl.com/math/class-ix/solve-a-quadratic-equation-using-the-quadratic-formula)

**Radical expressions**

1. [CC.1Roots of integers](https://in.ixl.com/math/class-ix/roots-of-integers)
2. [CC.2Roots of rational numbers](https://in.ixl.com/math/class-ix/roots-of-rational-numbers)
3. [CC.3Find roots using a calculator](https://in.ixl.com/math/class-ix/find-roots-using-a-calculator)
4. [CC.4Nth roots](https://in.ixl.com/math/class-ix/nth-roots)
5. [CC.5Simplify radical expressions with variables I](https://in.ixl.com/math/class-ix/simplify-radical-expressions-with-variables)
6. [CC.6Simplify radical expressions with variables II](https://in.ixl.com/math/class-ix/simplify-radical-expressions-with-variables-ii)
7. [CC.7Multiply radical expressions](https://in.ixl.com/math/class-ix/multiply-radical-expressions)
8. [CC.8Divide radical expressions](https://in.ixl.com/math/class-ix/divide-radical-expressions)
9. [CC.9Add and subtract radical expressions](https://in.ixl.com/math/class-ix/add-and-subtract-radical-expressions)
10. [CC.10Simplify radical expressions using the distributive property](https://in.ixl.com/math/class-ix/simplify-radical-expressions-using-the-distributive-property)
11. [CC.11Simplify radical expressions using conjugates](https://in.ixl.com/math/class-ix/simplify-radical-expressions-using-conjugates)

**Rational expressions**

1. [DD.1Simplify complex fractions](https://in.ixl.com/math/class-ix/simplify-complex-fractions)
2. [DD.2Simplify rational expressions](https://in.ixl.com/math/class-ix/simplify-rational-expressions)
3. [DD.3Multiply and divide rational expressions](https://in.ixl.com/math/class-ix/multiply-and-divide-rational-expressions)
4. [DD.4Divide polynomials](https://in.ixl.com/math/class-ix/divide-polynomials)
5. [DD.5Add and subtract rational expressions](https://in.ixl.com/math/class-ix/add-and-subtract-rational-expressions)
6. [DD.6Solve rational equations](https://in.ixl.com/math/class-ix/solve-rational-equations)

**Probability**

1. [EE.1Theoretical probability](https://in.ixl.com/math/class-ix/theoretical-probability)
2. [EE.2Experimental probability](https://in.ixl.com/math/class-ix/experimental-probability)
3. [EE.3Compound events: find the number of outcomes](https://in.ixl.com/math/class-ix/compound-events-find-the-number-of-outcomes)
4. [EE.4Identify independent and dependent events](https://in.ixl.com/math/class-ix/identify-independent-and-dependent-events)
5. [EE.5Probability of independent and dependent events](https://in.ixl.com/math/class-ix/probability-of-independent-and-dependent-events)
6. [EE.6Factorials](https://in.ixl.com/math/class-ix/factorials)
7. [EE.7Counting principle](https://in.ixl.com/math/class-ix/counting-principle)

**Statistics**

1. [FF.1Mean, median, mode and range](https://in.ixl.com/math/class-ix/mean-median-mode-and-range)
2. [FF.2Quartiles](https://in.ixl.com/math/class-ix/quartiles)
3. [FF.3Identify biased samples](https://in.ixl.com/math/class-ix/identify-biased-samples)
4. [FF.4Variance and standard deviation](https://in.ixl.com/math/class-ix/variance-and-standard-deviation)