**Class VII**

Here is a list of all of the skills students learn in class VII! 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!

**Number theory**

1. [A.1Prime or composite](https://in.ixl.com/math/class-vii/prime-or-composite)
2. [A.2Prime factorisation](https://in.ixl.com/math/class-vii/prime-factorisation)
3. [A.3Multiplicative inverses](https://in.ixl.com/math/class-vii/multiplicative-inverses)
4. [A.4Divisibility rules](https://in.ixl.com/math/class-vii/divisibility-rules)
5. [A.5Greatest common factor](https://in.ixl.com/math/class-vii/greatest-common-factor)
6. [A.6Least common multiple](https://in.ixl.com/math/class-vii/least-common-multiple)
7. [A.7GCF and LCM: word problems](https://in.ixl.com/math/class-vii/gcf-and-lcm-word-problems)
8. [A.8Scientific notation](https://in.ixl.com/math/class-vii/scientific-notation)
9. [A.9Compare numbers written in scientific notation](https://in.ixl.com/math/class-vii/compare-numbers-written-in-scientific-notation)
10. [A.10Classify numbers](https://in.ixl.com/math/class-vii/classify-numbers)

**Decimal numbers**

1. [B.1Decimal numbers review](https://in.ixl.com/math/class-vii/decimal-numbers-review)
2. [B.2Compare and order decimals](https://in.ixl.com/math/class-vii/compare-and-order-decimals)
3. [B.3Decimal number lines](https://in.ixl.com/math/class-vii/decimal-number-lines)
4. [B.4Round decimals](https://in.ixl.com/math/class-vii/round-decimals)

**Operations with decimals**

1. [C.1Add and subtract decimals](https://in.ixl.com/math/class-vii/add-and-subtract-decimals)
2. [C.2Add and subtract decimals: word problems](https://in.ixl.com/math/class-vii/add-and-subtract-decimals-word-problems)
3. [C.3Multiply decimals](https://in.ixl.com/math/class-vii/multiply-decimals)
4. [C.4Multiply decimals and whole numbers: word problems](https://in.ixl.com/math/class-vii/multiply-decimals-and-whole-numbers-word-problems)
5. [C.5Divide decimals](https://in.ixl.com/math/class-vii/divide-decimals)
6. [C.6Divide decimals by whole numbers: word problems](https://in.ixl.com/math/class-vii/divide-decimals-by-whole-numbers-word-problems)
7. [C.7Estimate sums, differences and products of decimals](https://in.ixl.com/math/class-vii/estimate-sums-differences-and-products-of-decimals)
8. [C.8Add, subtract, multiply and divide decimals: word problems](https://in.ixl.com/math/class-vii/add-subtract-multiply-and-divide-decimals-word-problems)
9. [C.9Multi-step inequalities with decimals](https://in.ixl.com/math/class-vii/multi-step-inequalities-with-decimals)
10. [C.10Maps with decimal distances](https://in.ixl.com/math/class-vii/maps-with-decimal-distances)
11. [C.11Simplify expressions involving decimals](https://in.ixl.com/math/class-vii/simplify-expressions-involving-decimals)

**Integers**

1. [D.1Understanding integers](https://in.ixl.com/math/class-vii/understanding-integers)
2. [D.2Integers on number lines](https://in.ixl.com/math/class-vii/integers-on-number-lines)
3. [D.3Graph integers on number lines](https://in.ixl.com/math/class-vii/graph-integers-on-number-lines)
4. [D.4Absolute value and opposite integers](https://in.ixl.com/math/class-vii/absolute-value-and-opposite-integers)
5. [D.5Compare and order integers](https://in.ixl.com/math/class-vii/compare-and-order-integers)

**Operations with integers**

1. [E.1Integer addition and subtraction rules](https://in.ixl.com/math/class-vii/integer-addition-and-subtraction-rules)
2. [E.2Add and subtract integers using counters](https://in.ixl.com/math/class-vii/add-and-subtract-integers-using-counters)
3. [E.3Add and subtract integers](https://in.ixl.com/math/class-vii/add-and-subtract-integers)
4. [E.4Complete addition and subtraction sentences with integers](https://in.ixl.com/math/class-vii/complete-addition-and-subtraction-sentences-with-integers)
5. [E.5Add and subtract integers: word problems](https://in.ixl.com/math/class-vii/add-and-subtract-integers-word-problems)
6. [E.6Integer multiplication and division rules](https://in.ixl.com/math/class-vii/integer-multiplication-and-division-rules)
7. [E.7Multiply and divide integers](https://in.ixl.com/math/class-vii/multiply-and-divide-integers)
8. [E.8Complete multiplication and division sentences with integers](https://in.ixl.com/math/class-vii/complete-multiplication-and-division-sentences-with-integers)
9. [E.9Simplify expressions involving integers](https://in.ixl.com/math/class-vii/simplify-expressions-involving-integers)

**Fractions and mixed numbers**

1. [F.1Equivalent fractions](https://in.ixl.com/math/class-vii/equivalent-fractions)
2. [F.2Simplify fractions](https://in.ixl.com/math/class-vii/simplify-fractions)
3. [F.3Understanding fractions: word problems](https://in.ixl.com/math/class-vii/understanding-fractions-word-problems)
4. [F.4Least common denominator](https://in.ixl.com/math/class-vii/least-common-denominator)
5. [F.5Compare and order fractions](https://in.ixl.com/math/class-vii/compare-and-order-fractions)
6. [F.6Compare fractions: word problems](https://in.ixl.com/math/class-vii/compare-fractions-word-problems)
7. [F.7Convert between mixed numbers and improper fractions](https://in.ixl.com/math/class-vii/convert-between-mixed-numbers-and-improper-fractions)
8. [F.8Compare mixed numbers and improper fractions](https://in.ixl.com/math/class-vii/compare-mixed-numbers-and-improper-fractions)
9. [F.9Round mixed numbers](https://in.ixl.com/math/class-vii/round-mixed-numbers)

**Operations with fractions**

1. [G.1Add and subtract fractions](https://in.ixl.com/math/class-vii/add-and-subtract-fractions)
2. [G.2Add and subtract fractions: word problems](https://in.ixl.com/math/class-vii/add-and-subtract-fractions-word-problems)
3. [G.3Add and subtract mixed numbers](https://in.ixl.com/math/class-vii/add-and-subtract-mixed-numbers)
4. [G.4Add and subtract mixed numbers: word problems](https://in.ixl.com/math/class-vii/add-and-subtract-mixed-numbers-word-problems)
5. [G.5Inequalities with addition and subtraction of fractions and mixed numbers](https://in.ixl.com/math/class-vii/inequalities-with-addition-and-subtraction-of-fractions-and-mixed-numbers)
6. [G.6Estimate sums and differences of mixed numbers](https://in.ixl.com/math/class-vii/estimate-sums-and-differences-of-mixed-numbers)
7. [G.7Multiply fractions and whole numbers](https://in.ixl.com/math/class-vii/multiply-fractions-and-whole-numbers)
8. [G.8Multiply two fractions using models](https://in.ixl.com/math/class-vii/multiply-two-fractions-using-models)
9. [G.9Multiply fractions](https://in.ixl.com/math/class-vii/multiply-fractions)
10. [G.10Multiply mixed numbers](https://in.ixl.com/math/class-vii/multiply-mixed-numbers)
11. [G.11Multiply fractions and mixed numbers: word problems](https://in.ixl.com/math/class-vii/multiply-fractions-and-mixed-numbers-word-problems)
12. [G.12Divide whole numbers and unit fractions](https://in.ixl.com/math/class-vii/divide-whole-numbers-and-unit-fractions)
13. [G.13Divide fractions](https://in.ixl.com/math/class-vii/divide-fractions)
14. [G.14Divide mixed numbers](https://in.ixl.com/math/class-vii/divide-mixed-numbers)
15. [G.15Divide fractions and mixed numbers: word problems](https://in.ixl.com/math/class-vii/divide-fractions-and-mixed-numbers-word-problems)
16. [G.16Estimate products and quotients of fractions and mixed numbers](https://in.ixl.com/math/class-vii/estimate-products-and-quotients-of-fractions-and-mixed-numbers)
17. [G.17Add, subtract, multiply and divide fractions and mixed numbers: word problems](https://in.ixl.com/math/class-vii/add-subtract-multiply-and-divide-fractions-and-mixed-numbers-word-problems)

**Rational numbers**

1. [H.1Identify rational numbers](https://in.ixl.com/math/class-vii/identify-rational-numbers)
2. [H.2Convert between decimals and fractions or mixed numbers](https://in.ixl.com/math/class-vii/convert-between-decimals-and-fractions-or-mixed-numbers)
3. [H.3Compare rational numbers](https://in.ixl.com/math/class-vii/compare-rational-numbers)
4. [H.4Put rational numbers in order](https://in.ixl.com/math/class-vii/put-rational-numbers-in-order)
5. [H.5Add and subtract rational numbers](https://in.ixl.com/math/class-vii/add-and-subtract-rational-numbers)
6. [H.6Apply addition and subtraction rules](https://in.ixl.com/math/class-vii/apply-addition-and-subtraction-rules)
7. [H.7Multiply and divide rational numbers](https://in.ixl.com/math/class-vii/multiply-and-divide-rational-numbers)
8. [H.8Apply multiplication and division rules](https://in.ixl.com/math/class-vii/apply-multiplication-and-division-rules)

**Exponents**

1. [I.1Understanding exponents](https://in.ixl.com/math/class-vii/understanding-exponents)
2. [I.2Evaluate exponents](https://in.ixl.com/math/class-vii/evaluate-exponents)
3. [I.3Exponents: solve for the variable](https://in.ixl.com/math/class-vii/exponents-solve-for-the-variable)
4. [I.4Exponents with negative bases](https://in.ixl.com/math/class-vii/exponents-with-negative-bases)
5. [I.5Exponents with decimal and fractional bases](https://in.ixl.com/math/class-vii/exponents-with-decimal-and-fractional-bases)
6. [I.6Simplify expressions involving exponents](https://in.ixl.com/math/class-vii/simplify-expressions-involving-exponents)

**Ratios and proportions**

1. [J.1Understanding ratios](https://in.ixl.com/math/class-vii/understanding-ratios)
2. [J.2Equivalent ratios](https://in.ixl.com/math/class-vii/equivalent-ratios)
3. [J.3Equivalent ratios: word problems](https://in.ixl.com/math/class-vii/equivalent-ratios-word-problems)
4. [J.4Compare ratios: word problems](https://in.ixl.com/math/class-vii/compare-ratios-word-problems)
5. [J.5Unit rates](https://in.ixl.com/math/class-vii/unit-rates)
6. [J.6Do the ratios form a proportion?](https://in.ixl.com/math/class-vii/do-the-ratios-form-a-proportion)
7. [J.7Do the ratios form a proportion: word problems](https://in.ixl.com/math/class-vii/do-the-ratios-form-a-proportion-word-problems)
8. [J.8Solve proportions](https://in.ixl.com/math/class-vii/solve-proportions)
9. [J.9Solve proportions: word problems](https://in.ixl.com/math/class-vii/solve-proportions-word-problems)
10. [J.10Estimate population size using proportions](https://in.ixl.com/math/class-vii/estimate-population-size-using-proportions)
11. [J.11Rate of change](https://in.ixl.com/math/class-vii/rate-of-change)
12. [J.12Constant rate of change](https://in.ixl.com/math/class-vii/constant-rate-of-change)
13. [J.13Scale drawings and scale factors](https://in.ixl.com/math/class-vii/scale-drawings-and-scale-factors)

**Percents**

1. [K.1What percentage is illustrated?](https://in.ixl.com/math/class-vii/what-percentage-is-illustrated)
2. [K.2Convert between percents, fractions and decimals](https://in.ixl.com/math/class-vii/convert-between-percents-fractions-and-decimals)
3. [K.3Compare percents to fractions and decimals](https://in.ixl.com/math/class-vii/compare-percents-to-fractions-and-decimals)
4. [K.4Estimate percents of numbers](https://in.ixl.com/math/class-vii/estimate-percents-of-numbers)
5. [K.5Percents of numbers and money amounts](https://in.ixl.com/math/class-vii/percents-of-numbers-and-money-amounts)
6. [K.6Percents of numbers: word problems](https://in.ixl.com/math/class-vii/percents-of-numbers-word-problems)
7. [K.7Solve percent equations](https://in.ixl.com/math/class-vii/solve-percent-equations)
8. [K.8Solve percent equations: word problems](https://in.ixl.com/math/class-vii/solve-percent-equations-word-problems)

**Consumer maths**

1. [L.1Add, subtract, multiply and divide money amounts: word problems](https://in.ixl.com/math/class-vii/add-subtract-multiply-and-divide-money-amounts-word-problems)
2. [L.2Price lists](https://in.ixl.com/math/class-vii/price-lists)
3. [L.3Unit prices](https://in.ixl.com/math/class-vii/unit-prices)
4. [L.4Unit prices: find the total price](https://in.ixl.com/math/class-vii/unit-prices-find-the-total-price)
5. [L.5Percent of a number, discount and more](https://in.ixl.com/math/class-vii/percent-of-a-number-discount-and-more)
6. [L.6Find the percent: discount and mark-up](https://in.ixl.com/math/class-vii/find-the-percent-discount-and-mark-up)
7. [L.7Sale prices: find the original price](https://in.ixl.com/math/class-vii/sale-prices-find-the-original-price)
8. [L.8Multi-step problems with percents](https://in.ixl.com/math/class-vii/multi-step-problems-with-percents)
9. [L.9Estimate tips](https://in.ixl.com/math/class-vii/estimate-tips)
10. [L.10Simple interest](https://in.ixl.com/math/class-vii/simple-interest)

**Problem solving and estimation**

1. [M.1Estimate to solve word problems](https://in.ixl.com/math/class-vii/estimate-to-solve-word-problems)
2. [M.2Multi-step word problems](https://in.ixl.com/math/class-vii/multi-step-word-problems)
3. [M.3Guess-and-check word problems](https://in.ixl.com/math/class-vii/guess-and-check-word-problems)
4. [M.4Use Venn diagrams to solve problems](https://in.ixl.com/math/class-vii/use-venn-diagrams-to-solve-problems)
5. [M.5Find the number of each type of coin](https://in.ixl.com/math/class-vii/find-the-number-of-each-type-of-coin)
6. [M.6Elapsed time word problems](https://in.ixl.com/math/class-vii/elapsed-time-word-problems)

**Data and graphs**

1. [N.1Interpret tables](https://in.ixl.com/math/class-vii/interpret-tables)
2. [N.2Interpret line plots](https://in.ixl.com/math/class-vii/interpret-line-plots)
3. [N.3Create line plots](https://in.ixl.com/math/class-vii/create-line-plots)
4. [N.4Create and interpret line plots with fractions](https://in.ixl.com/math/class-vii/create-and-interpret-line-plots-with-fractions)
5. [N.5Interpret stem-and-leaf plots](https://in.ixl.com/math/class-vii/interpret-stem-and-leaf-plots)
6. [N.6Interpret bar graphs](https://in.ixl.com/math/class-vii/interpret-bar-graphs)
7. [N.7Create bar graphs](https://in.ixl.com/math/class-vii/create-bar-graphs)
8. [N.8Interpret histograms](https://in.ixl.com/math/class-vii/interpret-histograms)
9. [N.9Create histograms](https://in.ixl.com/math/class-vii/create-histograms)
10. [N.10Create frequency charts](https://in.ixl.com/math/class-vii/create-frequency-charts)
11. [N.11Interpret line graphs](https://in.ixl.com/math/class-vii/interpret-line-graphs)
12. [N.12Create line graphs](https://in.ixl.com/math/class-vii/create-line-graphs)

**Geometry**

1. [O.1Lines, line segments and half lines](https://in.ixl.com/math/class-vii/lines-line-segments-and-half-lines)
2. [O.2Parallel, perpendicular, intersecting](https://in.ixl.com/math/class-vii/parallel-perpendicular-intersecting)
3. [O.3Name, measure and classify angles](https://in.ixl.com/math/class-vii/name-measure-and-classify-angles)
4. [O.4Identify complementary, supplementary, vertical, adjacent and congruent angles](https://in.ixl.com/math/class-vii/identify-complementary-supplementary-vertical-adjacent-and-congruent-angles)
5. [O.5Find measures of complementary, supplementary, vertical and adjacent angles](https://in.ixl.com/math/class-vii/find-measures-of-complementary-supplementary-vertical-and-adjacent-angles)
6. [O.6Transversal of parallel lines](https://in.ixl.com/math/class-vii/transversal-of-parallel-lines)
7. [O.7Classify triangles](https://in.ixl.com/math/class-vii/classify-triangles)
8. [O.8Classify quadrilaterals](https://in.ixl.com/math/class-vii/classify-quadrilaterals)
9. [O.9Find missing angles in triangles and quadrilaterals](https://in.ixl.com/math/class-vii/find-missing-angles-in-triangles-and-quadrilaterals)
10. [O.10Triangle angle-sum property](https://in.ixl.com/math/class-vii/triangle-angle-sum-property)
11. [O.11Exterior angle property](https://in.ixl.com/math/class-vii/exterior-angle-property)
12. [O.12Identify and classify polygons](https://in.ixl.com/math/class-vii/identify-and-classify-polygons)
13. [O.13Interior angles of polygons](https://in.ixl.com/math/class-vii/interior-angles-of-polygons)
14. [O.14Similar and congruent figures](https://in.ixl.com/math/class-vii/similar-and-congruent-figures)
15. [O.15Similar figures: side lengths and angle measures](https://in.ixl.com/math/class-vii/similar-figures-side-lengths-and-angle-measures)
16. [O.16Similar figures and indirect measurement](https://in.ixl.com/math/class-vii/similar-figures-and-indirect-measurement)
17. [O.17Congruent figures: side lengths and angle measures](https://in.ixl.com/math/class-vii/congruent-figures-side-lengths-and-angle-measures)
18. [O.18Congruence statements and corresponding parts](https://in.ixl.com/math/class-vii/congruence-statements-and-corresponding-parts)
19. [O.19Perimeter](https://in.ixl.com/math/class-vii/perimeter)
20. [O.20Area of rectangles and parallelograms](https://in.ixl.com/math/class-vii/area-of-rectangles-and-parallelograms)
21. [O.21Area of triangles](https://in.ixl.com/math/class-vii/area-of-triangles)
22. [O.22Area and perimeter: word problems](https://in.ixl.com/math/class-vii/area-and-perimeter-word-problems)
23. [O.23Parts of a circle](https://in.ixl.com/math/class-vii/parts-of-a-circle)
24. [O.24Circles: calculate area, circumference, radius and diameter](https://in.ixl.com/math/class-vii/circles-calculate-area-circumference-radius-and-diameter)
25. [O.25Circles: word problems](https://in.ixl.com/math/class-vii/circles-word-problems)
26. [O.26Find lengths and measures of bisected lines and angles](https://in.ixl.com/math/class-vii/find-lengths-and-measures-of-bisected-lines-and-angles)
27. [O.27Front, side and top view](https://in.ixl.com/math/class-vii/front-side-and-top-view)
28. [O.28Names and bases of 3-dimensional figures](https://in.ixl.com/math/class-vii/names-and-bases-of-3-dimensional-figures)
29. [O.29Nets of 3-dimensional figures](https://in.ixl.com/math/class-vii/nets-of-3-dimensional-figures)
30. [O.30Perimeter, area and volume: changes in scale](https://in.ixl.com/math/class-vii/perimeter-area-and-volume-changes-in-scale)
31. [O.31Semicircles: calculate area, perimeter, radius and diameter](https://in.ixl.com/math/class-vii/semicircles-calculate-area-perimeter-radius-and-diameter)
32. [O.32Quarter circles: calculate area, perimeter and radius](https://in.ixl.com/math/class-vii/quarter-circles-calculate-area-perimeter-and-radius)
33. [O.33Area of compound figures with triangles, semicircles and quarter circles](https://in.ixl.com/math/class-vii/area-of-compound-figures-with-triangles-semicircles-and-quarter-circles)
34. [O.34Area between two shapes](https://in.ixl.com/math/class-vii/area-between-two-shapes)
35. [O.35Symmetry](https://in.ixl.com/math/class-vii/symmetry)

**Pythagorean theorem**

1. [P.1Pythagoras' theorem: find the length of the hypotenuse](https://in.ixl.com/math/class-vii/pythagoras-theorem-find-the-length-of-the-hypotenuse)
2. [P.2Pythagoras' theorem: find the missing leg length](https://in.ixl.com/math/class-vii/pythagoras-theorem-find-the-missing-leg-length)
3. [P.3Pythagoras' theorem: word problems](https://in.ixl.com/math/class-vii/pythagoras-theorem-word-problems)
4. [P.4Converse of Pythagoras' theorem: is it a right triangle?](https://in.ixl.com/math/class-vii/converse-of-pythagoras-theorem-is-it-a-right-triangle)

**Constructions**

1. [Q.1Construct the midpoint or perpendicular bisector of a segment](https://in.ixl.com/math/class-vii/construct-the-midpoint-or-perpendicular-bisector-of-a-segment)
2. [Q.2Construct an angle bisector](https://in.ixl.com/math/class-vii/construct-an-angle-bisector)
3. [Q.3Construct a perpendicular line](https://in.ixl.com/math/class-vii/construct-a-perpendicular-line)
4. [Q.4Construct parallel lines](https://in.ixl.com/math/class-vii/construct-parallel-lines)
5. [Q.5Construct an equilateral triangle or regular hexagon](https://in.ixl.com/math/class-vii/construct-an-equilateral-triangle-or-regular-hexagon)

**Measurement**

1. [R.1Estimate metric measurements](https://in.ixl.com/math/class-vii/estimate-metric-measurements)
2. [R.2Compare and convert metric units](https://in.ixl.com/math/class-vii/compare-and-convert-metric-units)
3. [R.3Metric mixed units](https://in.ixl.com/math/class-vii/metric-mixed-units)
4. [R.4Convert square and cubic units of length](https://in.ixl.com/math/class-vii/convert-square-and-cubic-units-of-length)
5. [R.5Convert between cubic metres and litres](https://in.ixl.com/math/class-vii/convert-between-cubic-metres-and-litres)
6. [R.6Precision](https://in.ixl.com/math/class-vii/precision)

**Number sequences**

1. [S.1Identify arithmetic and geometric sequences](https://in.ixl.com/math/class-vii/identify-arithmetic-and-geometric-sequences)
2. [S.2Arithmetic sequences](https://in.ixl.com/math/class-vii/arithmetic-sequences)
3. [S.3Geometric sequences](https://in.ixl.com/math/class-vii/geometric-sequences)
4. [S.4Number sequences: mixed review](https://in.ixl.com/math/class-vii/number-sequences-mixed-review)
5. [S.5Number sequences: word problems](https://in.ixl.com/math/class-vii/number-sequences-word-problems)
6. [S.6Evaluate variable expressions for number sequences](https://in.ixl.com/math/class-vii/evaluate-variable-expressions-for-number-sequences)
7. [S.7Write variable expressions for arithmetic sequences](https://in.ixl.com/math/class-vii/write-variable-expressions-for-arithmetic-sequences)

**Variable expressions**

1. [T.1Write variable expressions](https://in.ixl.com/math/class-vii/write-variable-expressions)
2. [T.2Evaluate single-variable expressions I](https://in.ixl.com/math/class-vii/evaluate-single-variable-expressions)
3. [T.3Evaluate single-variable expressions II](https://in.ixl.com/math/class-vii/evaluate-single-variable-expressions-ii)
4. [T.4Evaluate multi-variable expressions](https://in.ixl.com/math/class-vii/evaluate-multi-variable-expressions)
5. [T.5Evaluate variable expressions for numerators and denominators](https://in.ixl.com/math/class-vii/evaluate-variable-expressions-for-numerators-and-denominators)
6. [T.6Add and subtract like terms](https://in.ixl.com/math/class-vii/add-and-subtract-like-terms)

**Single-variable equations**

1. [U.1Does x satisfy the equation?](https://in.ixl.com/math/class-vii/does-x-satisfy-the-equation)
2. [U.2Model and solve equations using algebra tiles](https://in.ixl.com/math/class-vii/model-and-solve-equations-using-algebra-tiles)
3. [U.3Solve one-step linear equations](https://in.ixl.com/math/class-vii/solve-one-step-linear-equations)
4. [U.4Solve two-step linear equations](https://in.ixl.com/math/class-vii/solve-two-step-linear-equations)
5. [U.5Solve equations involving like terms](https://in.ixl.com/math/class-vii/solve-equations-involving-like-terms)

**Properties**

1. [V.1Properties of addition and multiplication](https://in.ixl.com/math/class-vii/properties-of-addition-and-multiplication)
2. [V.2Distributive property](https://in.ixl.com/math/class-vii/distributive-property)
3. [V.3Simplify variable expressions using properties](https://in.ixl.com/math/class-vii/simplify-variable-expressions-using-properties)
4. [V.4Solve equations using properties](https://in.ixl.com/math/class-vii/solve-equations-using-properties)

**Probability**

1. [W.1Probability of simple events](https://in.ixl.com/math/class-vii/probability-of-simple-events)
2. [W.2Probability of opposite, mutually exclusive and overlapping events](https://in.ixl.com/math/class-vii/probability-of-opposite-mutually-exclusive-and-overlapping-events)
3. [W.3Experimental probability](https://in.ixl.com/math/class-vii/experimental-probability)
4. [W.4Make predictions](https://in.ixl.com/math/class-vii/make-predictions)
5. [W.5Compound events: find the number of outcomes](https://in.ixl.com/math/class-vii/compound-events-find-the-number-of-outcomes)
6. [W.6Counting principle](https://in.ixl.com/math/class-vii/counting-principle)

**Statistics**

1. [X.1Calculate mean, median, mode and range](https://in.ixl.com/math/class-vii/calculate-mean-median-mode-and-range)
2. [X.2Interpret charts to find mean, median, mode and range](https://in.ixl.com/math/class-vii/interpret-charts-to-find-mean-median-mode-and-range)
3. [X.3Mean, median, mode and range: find the missing number](https://in.ixl.com/math/class-vii/mean-median-mode-and-range-find-the-missing-number)
4. [X.4Changes in mean, median, mode and range](https://in.ixl.com/math/class-vii/changes-in-mean-median-mode-and-range)