<http://www.ixl.com/math/grade-5> IXL Fifth grade

These are practice activities for math skills students learn in fifth grade! The skills are organized into categories. To start practicing, point the mouse, hold the CTRL key and click on any link. IXL will track your score, and the questions will automatically increase in difficulty as you improve!

[Addition and Subtraction Review](#addsub) [Time Review](#time) [Problem Solving & Mixed Operations](#problems)

1. **Place values and number sense**

[**A.1**Place values](http://www.ixl.com/math/grade-5/place-values)

[**A.2**Convert between place values](http://www.ixl.com/math/grade-5/convert-between-place-values)

[**A.3**Compare numbers up to billions](http://www.ixl.com/math/grade-5/compare-numbers-up-to-billions)

[**A.4**Word names for numbers](http://www.ixl.com/math/grade-5/word-names-for-numbers)

[**A.6**Rounding](http://www.ixl.com/math/grade-5/rounding)

[**A.11**Using](http://www.ixl.com/math/grade-5/scientific-notation) Exponents

1. **Decimals**

[**C.1**What decimal number is illustrated?](http://www.ixl.com/math/grade-5/what-decimal-number-is-illustrated)

[**C.2**Understanding decimals expressed in words](http://www.ixl.com/math/grade-5/understanding-decimals-expressed-in-words)

[**C.3**Place values in decimal numbers](http://www.ixl.com/math/grade-5/place-values-in-decimal-numbers)

[**C.4**Equivalent decimals](http://www.ixl.com/math/grade-5/equivalent-decimals)

[**C.5**Round decimals](http://www.ixl.com/math/grade-5/round-decimals)

[**C.6**Decimal number lines](http://www.ixl.com/math/grade-5/decimal-number-lines)

[**C.7**Compare decimal numbers](http://www.ixl.com/math/grade-5/compare-decimal-numbers)

[**C.8**Put decimal numbers in order](http://www.ixl.com/math/grade-5/put-decimal-numbers-in-order)

[**C.9**Convert fractions to decimals](http://www.ixl.com/math/grade-5/convert-fractions-to-decimals)

[**C.10**Convert decimals to fractions](http://www.ixl.com/math/grade-5/convert-decimals-to-fractions)

[**C.11**Compare decimals and fractions](http://www.ixl.com/math/grade-5/compare-decimals-and-fractions)

[**C.12**Repeating decimals](http://www.ixl.com/math/grade-5/repeating-decimals)

[**C.13**Put assorted decimals, fractions, and mixed numbers in order](http://www.ixl.com/math/grade-5/put-assorted-decimals-fractions-and-mixed-numbers-in-order)

1. **Add and subtract decimals**

[**E.1**Add and subtract decimal numbers](http://www.ixl.com/math/grade-5/add-and-subtract-decimal-numbers)

[**E.2**Add and subtract decimals: word problems](http://www.ixl.com/math/grade-5/add-and-subtract-decimals-word-problems)

[**E.3**Choose decimals with a particular sum or difference](http://www.ixl.com/math/grade-5/choose-decimals-with-a-particular-sum-or-difference)

[**E.4**Complete the addition or subtraction sentence](http://www.ixl.com/math/grade-5/complete-the-addition-or-subtraction-sentence)

[**E.5**Inequalities with decimal addition and subtraction](http://www.ixl.com/math/grade-5/inequalities-with-decimal-addition-and-subtraction)

[**E.6**Estimate sums and differences of decimals](http://www.ixl.com/math/grade-5/estimate-sums-and-differences-of-decimals)

1. **Multiplication**

[**F.1**Multiply by 1-digit numbers](http://www.ixl.com/math/grade-5/multiply-by-1-digit-numbers)

[**F.2**Multiply by 1-digit numbers: word problems](http://www.ixl.com/math/grade-5/multiply-by-1-digit-numbers-word-problems)

[**F.3**Multiplication patterns over increasing place values](http://www.ixl.com/math/grade-5/multiplication-patterns-over-increasing-place-values)

[**F.4**Multiply numbers ending in zeroes](http://www.ixl.com/math/grade-5/multiply-numbers-ending-in-zeroes)

[**F.5**Multiply numbers ending in zeroes: word problems](http://www.ixl.com/math/grade-5/multiply-numbers-ending-in-zeroes-word-problems)

[**F.6**Properties of multiplication](http://www.ixl.com/math/grade-5/properties-of-multiplication)

[**F.7**Choose numbers with a particular product](http://www.ixl.com/math/grade-5/choose-numbers-with-a-particular-product)

[**F.8**Estimate products](http://www.ixl.com/math/grade-5/estimate-products)

[**F.9**Estimate products: word problems](http://www.ixl.com/math/grade-5/estimate-products-word-problems)

[**F.10**Multiply by 2-digit numbers: complete the missing steps](http://www.ixl.com/math/grade-5/multiply-by-2-digit-numbers-complete-the-missing-steps)

[**F.11**Multiply a 2-digit number by a 2-digit number](http://www.ixl.com/math/grade-5/multiply-a-2-digit-number-by-a-2-digit-number)

[**F.12**Multiply a 2-digit number by a larger number](http://www.ixl.com/math/grade-5/multiply-a-2-digit-number-by-a-larger-number)

[**F.13**Multiply by 2-digit numbers: word problems](http://www.ixl.com/math/grade-5/multiply-by-2-digit-numbers-word-problems)

[**F.14**Multiply three or more numbers up to 2 digits each](http://www.ixl.com/math/grade-5/multiply-three-or-more-numbers-up-to-2-digits-each)

[**F.15**Multiply by 3-digit numbers](http://www.ixl.com/math/grade-5/multiply-by-3-digit-numbers)

[**F.16**Multiply three numbers up to 3 digits each](http://www.ixl.com/math/grade-5/multiply-three-numbers-up-to-3-digits-each)

[**F.17**Multiply three or more numbers: word problems](http://www.ixl.com/math/grade-5/multiply-three-or-more-numbers-word-problems)

[**F.18**Inequalities with multiplication](http://www.ixl.com/math/grade-5/inequalities-with-multiplication)

1. **Division**

[**H.1**Division facts to 12](http://www.ixl.com/math/grade-5/division-facts-to-12)

[**H.2**Division facts to 12: word problems](http://www.ixl.com/math/grade-5/division-facts-to-12-word-problems)

[**H.3**Divide multi-digit numbers by 1-digit numbers](http://www.ixl.com/math/grade-5/divide-multi-digit-numbers-by-1-digit-numbers)

[**H.4**Divide multi-digit numbers by 1-digit numbers: word problems](http://www.ixl.com/math/grade-5/divide-multi-digit-numbers-by-1-digit-numbers-word-problems)

[**H.5**Divide by 1-digit numbers: interpret remainders](http://www.ixl.com/math/grade-5/divide-by-1-digit-numbers-interpret-remainders)

[**H.6**Estimate quotients: word problems](http://www.ixl.com/math/grade-5/estimate-quotients-word-problems)

[**H.7**Division patterns over increasing place values](http://www.ixl.com/math/grade-5/division-patterns-over-increasing-place-values)

[**H.8**Divide numbers ending in zeroes](http://www.ixl.com/math/grade-5/divide-numbers-ending-in-zeroes)

[**H.9**Divide numbers ending in zeroes: word problems](http://www.ixl.com/math/grade-5/divide-numbers-ending-in-zeroes-word-problems)

[**H.10**Divide by 2-digit numbers](http://www.ixl.com/math/grade-5/divide-by-2-digit-numbers)

[**H.11**Divide by 2-digit numbers: word problems](http://www.ixl.com/math/grade-5/divide-by-2-digit-numbers-word-problems)

[**H.12**Divide money amounts: word problems](http://www.ixl.com/math/grade-5/divide-money-amounts-word-problems)

[**H.13**Estimate quotients](http://www.ixl.com/math/grade-5/estimate-quotients)

[**H.14**Choose numbers with a particular quotient](http://www.ixl.com/math/grade-5/choose-numbers-with-a-particular-quotient)

1. **Multiply decimals**

[**G.1**Estimate products of decimals](http://www.ixl.com/math/grade-5/estimate-products-of-decimals)

[**G.2**Multiply a decimal by a power of ten](http://www.ixl.com/math/grade-5/multiply-a-decimal-by-a-power-of-ten)

[**G.3**Multiply a decimal by a one-digit whole number](http://www.ixl.com/math/grade-5/multiply-a-decimal-by-a-one-digit-whole-number)

[**G.4**Multiply a decimal by a multi-digit whole number](http://www.ixl.com/math/grade-5/multiply-a-decimal-by-a-multi-digit-whole-number)

[**G.5**Multiply decimals and whole numbers: word problems](http://www.ixl.com/math/grade-5/multiply-decimals-and-whole-numbers-word-problems)

[**G.6**Multiply money amounts: word problems](http://www.ixl.com/math/grade-5/multiply-money-amounts-word-problems)

[**G.7**Multiply three or more numbers, one of which is a decimal](http://www.ixl.com/math/grade-5/multiply-three-or-more-numbers-one-of-which-is-a-decimal)

[**G.8**Multiply two decimals using grids](http://www.ixl.com/math/grade-5/multiply-two-decimals-using-grids)

[**G.9**Multiply two decimals](http://www.ixl.com/math/grade-5/multiply-two-decimals)

[**G.10**Inequalities with decimal multiplication](http://www.ixl.com/math/grade-5/inequalities-with-decimal-multiplication)

1. **Division with decimals**

[**I.1**Divide by powers of ten](http://www.ixl.com/math/grade-5/divide-by-powers-of-ten)

[**I.2**Decimal division patterns over increasing place values](http://www.ixl.com/math/grade-5/decimal-division-patterns-over-increasing-place-values)

[**I.3**Division with decimal quotients](http://www.ixl.com/math/grade-5/division-with-decimal-quotients)

[**I.4**Division with decimal quotients and rounding](http://www.ixl.com/math/grade-5/division-with-decimal-quotients-and-rounding)

[**I.5**Division with decimal quotients: word problems](http://www.ixl.com/math/grade-5/division-with-decimal-quotients-word-problems)

1. **Fractions and mixed numbers**

[**L.1**Fractions review](http://www.ixl.com/math/grade-5/fractions-review)

[**L.2**Equivalent fractions](http://www.ixl.com/math/grade-5/equivalent-fractions)

[**L.3**Reduce fractions to lowest terms](http://www.ixl.com/math/grade-5/reduce-fractions-to-lowest-terms)

[**L.4**Convert between improper fractions and mixed numbers](http://www.ixl.com/math/grade-5/convert-between-improper-fractions-and-mixed-numbers)

[**L.5**Least common denominator](http://www.ixl.com/math/grade-5/least-common-denominator)

[**L.6**Compare fractions and mixed numbers](http://www.ixl.com/math/grade-5/compare-fractions-and-mixed-numbers)

[**L.7**Put fractions in order](http://www.ixl.com/math/grade-5/put-fractions-in-order)

[**L.8**Arithmetic sequences with fractions](http://www.ixl.com/math/grade-5/arithmetic-sequences-with-fractions)

[**L.9**Geometric sequences with fractions](http://www.ixl.com/math/grade-5/geometric-sequences-with-fractions)

[**L.10**Round mixed numbers](http://www.ixl.com/math/grade-5/round-mixed-numbers)

[**L.11**Reciprocals](http://www.ixl.com/math/grade-5/reciprocals)

1. **Add and subtract fractions**

[**M.1**Add and subtract fractions with like denominators](http://www.ixl.com/math/grade-5/add-and-subtract-fractions-with-like-denominators)

[**M.2**Add and subtract fractions with like denominators: word problems](http://www.ixl.com/math/grade-5/add-and-subtract-fractions-with-like-denominators-word-problems)

[**M.3**Add and subtract mixed numbers with like denominators](http://www.ixl.com/math/grade-5/add-and-subtract-mixed-numbers-with-like-denominators)

[**M.4**Add fractions with unlike denominators](http://www.ixl.com/math/grade-5/add-fractions-with-unlike-denominators)

[**M.5**Subtract fractions with unlike denominators](http://www.ixl.com/math/grade-5/subtract-fractions-with-unlike-denominators)

[**M.6**Add and subtract fractions with unlike denominators: word problems](http://www.ixl.com/math/grade-5/add-and-subtract-fractions-with-unlike-denominators-word-problems)

[**M.7**Add 3 or more fractions with unlike denominators](http://www.ixl.com/math/grade-5/add-3-or-more-fractions-with-unlike-denominators)

[**M.8**Add 3 or more fractions: word problems](http://www.ixl.com/math/grade-5/add-3-or-more-fractions-word-problems)

[**M.9**Complete addition and subtraction sentences with fractions](http://www.ixl.com/math/grade-5/complete-addition-and-subtraction-sentences-with-fractions)

[**M.10**Inequalities with addition and subtraction of fractions](http://www.ixl.com/math/grade-5/inequalities-with-addition-and-subtraction-of-fractions)

[**M.11**Estimate sums and differences of mixed numbers](http://www.ixl.com/math/grade-5/estimate-sums-and-differences-of-mixed-numbers)

[**M.12**Add mixed numbers with unlike denominators](http://www.ixl.com/math/grade-5/add-mixed-numbers-with-unlike-denominators)

[**M.13**Subtract mixed numbers with unlike denominators](http://www.ixl.com/math/grade-5/subtract-mixed-numbers-with-unlike-denominators)

[**M.14**Add and subtract mixed numbers: word problems](http://www.ixl.com/math/grade-5/add-and-subtract-mixed-numbers-word-problems)

[**M.15**Complete addition and subtraction sentences with mixed numbers](http://www.ixl.com/math/grade-5/complete-addition-and-subtraction-sentences-with-mixed-numbers)

[**M.16**Inequalities with addition and subtraction of mixed numbers](http://www.ixl.com/math/grade-5/inequalities-with-addition-and-subtraction-of-mixed-numbers)

1. **Multiply fractions**

[**N.1**Multiply fractions by whole numbers I](http://www.ixl.com/math/grade-5/multiply-fractions-by-whole-numbers)

[**N.2**Multiply fractions by whole numbers II](http://www.ixl.com/math/grade-5/multiply-fractions-by-whole-numbers-ii)

[**N.3**Multiply fractions by whole numbers: word problems](http://www.ixl.com/math/grade-5/multiply-fractions-by-whole-numbers-word-problems)

[**N.4**Multiply fractions by whole numbers: input/output tables](http://www.ixl.com/math/grade-5/multiply-fractions-by-whole-numbers-input-output-tables)

[**N.5**Multiply fractions - with models](http://www.ixl.com/math/grade-5/multiply-fractions-with-models)

[**N.6**Multiply two fractions](http://www.ixl.com/math/grade-5/multiply-two-fractions)

[**N.7**Multiply two fractions: word problems](http://www.ixl.com/math/grade-5/multiply-two-fractions-word-problems)

[**N.8**Multiply three or more fractions and whole numbers](http://www.ixl.com/math/grade-5/multiply-three-or-more-fractions-and-whole-numbers)

[**N.9**Complete the fraction multiplication sentence](http://www.ixl.com/math/grade-5/complete-the-fraction-multiplication-sentence)

[**N.10**Estimate products of mixed numbers](http://www.ixl.com/math/grade-5/estimate-products-of-mixed-numbers)

[**N.11**Multiply a mixed number by a whole number](http://www.ixl.com/math/grade-5/multiply-a-mixed-number-by-a-whole-number)

[**N.12**Multiply a mixed number by a fraction](http://www.ixl.com/math/grade-5/multiply-a-mixed-number-by-a-fraction)

[**N.13**Multiply two mixed numbers](http://www.ixl.com/math/grade-5/multiply-two-mixed-numbers)

[**N.14**Multiply three or more mixed numbers, fractions, and/or whole numbers](http://www.ixl.com/math/grade-5/multiply-three-or-more-mixed-numbers-fractions-and-or-whole-numbers)

[**N.15**Multiplication with mixed numbers: word problems](http://www.ixl.com/math/grade-5/multiplication-with-mixed-numbers-word-problems)

[**N.16**Complete the mixed-number multiplication sentence](http://www.ixl.com/math/grade-5/complete-the-mixed-number-multiplication-sentence)

1. **Divide fractions**

[**O.1**Divide fractions by whole numbers](http://www.ixl.com/math/grade-5/divide-fractions-by-whole-numbers)

[**O.2**Divide fractions by whole numbers: word problems](http://www.ixl.com/math/grade-5/divide-fractions-by-whole-numbers-word-problems)

[**O.3**Divide whole numbers by fractions](http://www.ixl.com/math/grade-5/divide-whole-numbers-by-fractions)

[**O.4**Divide two fractions](http://www.ixl.com/math/grade-5/divide-two-fractions)

[**O.5**Divide fractions and mixed numbers](http://www.ixl.com/math/grade-5/divide-fractions-and-mixed-numbers)

[**O.6**Complete the division sentence](http://www.ixl.com/math/grade-5/complete-the-division-sentence)

[**O.7**Divide fractions and mixed numbers: word problems](http://www.ixl.com/math/grade-5/divide-fractions-and-mixed-numbers-word-problems)

[**O.8**Recipes with fractions](http://www.ixl.com/math/grade-5/recipes-with-fractions)

1. **Measurement**

[**W.1**Choose the appropriate customary unit of measure](http://www.ixl.com/math/grade-5/choose-the-appropriate-customary-unit-of-measure)

[**W.2**Choose the appropriate metric unit of measure](http://www.ixl.com/math/grade-5/choose-the-appropriate-metric-unit-of-measure)

[**W.3**Compare and convert customary units](http://www.ixl.com/math/grade-5/compare-and-convert-customary-units)

[**W.4**Compare and convert metric units](http://www.ixl.com/math/grade-5/compare-and-convert-metric-units)

[**W.5**Compare customary units by multiplying](http://www.ixl.com/math/grade-5/compare-customary-units-by-multiplying)

[**W.6**Convert customary units involving fractions](http://www.ixl.com/math/grade-5/convert-customary-units-involving-fractions)

[**W.7**Convert mixed customary units](http://www.ixl.com/math/grade-5/convert-mixed-customary-units)

[**W.8**Add and subtract mixed customary units](http://www.ixl.com/math/grade-5/add-and-subtract-mixed-customary-units)

[**W.9**Convert between metric and customary units](http://www.ixl.com/math/grade-5/convert-between-metric-and-customary-units)

1. **Geometry**

[**B.2**Types of triangles](http://www.ixl.com/math/grade-5/types-of-triangles)

[**B.3**Open and closed shapes and qualities of polygons](http://www.ixl.com/math/grade-5/open-and-closed-shapes-and-qualities-of-polygons)

[**B.5**Number of sides in polygons](http://www.ixl.com/math/grade-5/number-of-sides-in-polygons)

[**B.6**Which figure is being described?](http://www.ixl.com/math/grade-5/which-figure-is-being-described)

[**B.7**Classify quadrilaterals](http://www.ixl.com/math/grade-5/classify-quadrilaterals)

[**B.9**Count and compare sides, edges, faces, and vertices](http://www.ixl.com/math/grade-5/count-and-compare-sides-edges-faces-and-vertices)

[**B.10**Similar and congruent](http://www.ixl.com/math/grade-5/similar-and-congruent)

[**B.11**Nets of 3-dimensional figures](http://www.ixl.com/math/grade-5/nets-of-3-dimensional-figures)

[**B.12**Types of angles](http://www.ixl.com/math/grade-5/types-of-angles)

[**B.13**Measure angles with a protractor](http://www.ixl.com/math/grade-5/measure-angles-with-a-protractor)

[**B.15**Perimeter](http://www.ixl.com/math/grade-5/perimeter)

[**B.16**Area of squares and rectangles](http://www.ixl.com/math/grade-5/area-of-squares-and-rectangles)

[**B.17**Area of triangles](http://www.ixl.com/math/grade-5/area-of-triangles)

[**B.18**Area of parallelograms and trapezoids](http://www.ixl.com/math/grade-5/area-of-parallelograms-and-trapezoids)

[**B.19**Area of compound figures](http://www.ixl.com/math/grade-5/area-of-compound-figures)

[**B.20**Area between two rectangles](http://www.ixl.com/math/grade-5/area-between-two-rectangles)

[**B.21**Area and perimeter of irregular figures](http://www.ixl.com/math/grade-5/area-and-perimeter-of-irregular-figures)

[**B.22**Area and perimeter: word problems](http://www.ixl.com/math/grade-5/area-and-perimeter-word-problems)

[**B.23**Volume of rectangular prisms made of unit cubes](http://www.ixl.com/math/grade-5/volume-of-rectangular-prisms-made-of-unit-cubes)

[**B.24**Volume of irregular figures made of unit cubes](http://www.ixl.com/math/grade-5/volume-of-irregular-figures-made-of-unit-cubes)

[**B.25**Volume of cubes and rectangular prisms](http://www.ixl.com/math/grade-5/volume-of-cubes-and-rectangular-prisms)

[**B.28**Lines of symmetry](http://www.ixl.com/math/grade-5/lines-of-symmetry)

[**B.29**Rotational symmetry](http://www.ixl.com/math/grade-5/rotational-symmetry)

[**B.30**Lines, line segments, and rays](http://www.ixl.com/math/grade-5/lines-line-segments-and-rays)

[**B.31**Parallel, perpendicular, intersecting](http://www.ixl.com/math/grade-5/parallel-perpendicular-intersecting)

[**B.33**Find the unknown angle in triangles and quadrilaterals](http://www.ixl.com/math/grade-5/find-the-unknown-angle-in-triangles-and-quadrilaterals)

1. **Algebra**

[**Q.1**Simplify expressions using order of operations and parentheses](http://www.ixl.com/math/grade-5/simplify-expressions-using-order-of-operations-and-parentheses)

[**Q.2**Write variable expressions](http://www.ixl.com/math/grade-5/write-variable-expressions)

[**Q.3**Evaluate variable expressions](http://www.ixl.com/math/grade-5/evaluate-variable-expressions)

[**Q.4**Write equations to represent word problems](http://www.ixl.com/math/grade-5/write-equations-to-represent-word-problems)

[**Q.5**Solve equations I](http://www.ixl.com/math/grade-5/solve-equations)

[**Q.6**Solve equations II](http://www.ixl.com/math/grade-5/solve-equations-ii)

[**Q.7**Function tables](http://www.ixl.com/math/grade-5/function-tables)

[**Q.8**Convert graphs to input/output tables](http://www.ixl.com/math/grade-5/convert-graphs-to-input-output-tables)

[**Q.9**Write linear functions](http://www.ixl.com/math/grade-5/write-linear-functions)

[**Q.10**Graph linear functions](http://www.ixl.com/math/grade-5/graph-linear-functions)

[**Q.11**Evaluate functions](http://www.ixl.com/math/grade-5/evaluate-functions)

[**Q.12**Write multiplication expressions using exponents](http://www.ixl.com/math/grade-5/write-multiplication-expressions-using-exponents)

[**Q.13**Evaluate exponent expressions](http://www.ixl.com/math/grade-5/evaluate-exponent-expressions)

[**Q.14**Complete the exponent expression](http://www.ixl.com/math/grade-5/complete-the-exponent-expression)

1. **Mixed operations**

[**P.1**Add, subtract, multiply, and divide whole numbers](http://www.ixl.com/math/grade-5/add-subtract-multiply-and-divide-whole-numbers)

[**P.2**Add, subtract, multiply, and divide whole numbers: word problems](http://www.ixl.com/math/grade-5/add-subtract-multiply-and-divide-whole-numbers-word-problems)

[**P.3**Add, subtract, multiply, and divide decimals](http://www.ixl.com/math/grade-5/add-subtract-multiply-and-divide-decimals)

[**P.4**Add, subtract, multiply, and divide decimals: word problems](http://www.ixl.com/math/grade-5/add-subtract-multiply-and-divide-decimals-word-problems)

[**P.5**Add, subtract, multiply, and divide fractions and mixed numbers](http://www.ixl.com/math/grade-5/add-subtract-multiply-and-divide-fractions-and-mixed-numbers)

[**P.6**Add, subtract, multiply, and divide fractions and mixed numbers: word problems](http://www.ixl.com/math/grade-5/add-subtract-multiply-and-divide-fractions-and-mixed-numbers-word-problems)

1. **Problem solving**

[**J.1**Multi-step word problems](http://www.ixl.com/math/grade-5/multi-step-word-problems)

[**J.2**Word problems with extra or missing information](http://www.ixl.com/math/grade-5/word-problems-with-extra-or-missing-information)

[**J.3**Guess-and-check problems](http://www.ixl.com/math/grade-5/guess-and-check-problems)

[**J.4**Find the order](http://www.ixl.com/math/grade-5/find-the-order)

1. **Number theory**

[**K.1**Prime and composite numbers](http://www.ixl.com/math/grade-5/prime-and-composite-numbers)

[**K.2**Prime factorization](http://www.ixl.com/math/grade-5/prime-factorization)

[**K.3**Prime factorization with exponents](http://www.ixl.com/math/grade-5/prime-factorization-with-exponents)

[**K.4**Divisibility rules](http://www.ixl.com/math/grade-5/divisibility-rules)

[**K.5**Divisibility rules: word problems](http://www.ixl.com/math/grade-5/divisibility-rules-word-problems)

[**K.6**Greatest common factor](http://www.ixl.com/math/grade-5/greatest-common-factor)

[**K.7**Least common multiple](http://www.ixl.com/math/grade-5/least-common-multiple)

1. **Coordinate graphs**

[**R.1**Coordinate graphs review - whole numbers only](http://www.ixl.com/math/grade-5/coordinate-graphs-review-whole-numbers-only)

[**R.2**Coordinate graphs with decimals and negative numbers](http://www.ixl.com/math/grade-5/coordinate-graphs-with-decimals-and-negative-numbers)

[**R.3**Graph points on a coordinate plane](http://www.ixl.com/math/grade-5/graph-points-on-a-coordinate-plane)

[**R.4**Coordinate graphs as maps](http://www.ixl.com/math/grade-5/coordinate-graphs-as-maps)

[**R.5**Relative coordinates: follow directions](http://www.ixl.com/math/grade-5/relative-coordinates-follow-directions)

[**R.6**Quadrants](http://www.ixl.com/math/grade-5/quadrants)

1. **Data and graphs**

[**S.1**Read a table](http://www.ixl.com/math/grade-5/read-a-table)

[**S.2**Interpret line graphs](http://www.ixl.com/math/grade-5/interpret-line-graphs)

[**S.3**Create line graphs](http://www.ixl.com/math/grade-5/create-line-graphs)

[**S.4**Interpret bar graphs](http://www.ixl.com/math/grade-5/interpret-bar-graphs)

[**S.5**Create bar graphs](http://www.ixl.com/math/grade-5/create-bar-graphs)

[**S.6**Interpret pictographs](http://www.ixl.com/math/grade-5/interpret-pictographs)

[**S.7**Create pictographs](http://www.ixl.com/math/grade-5/create-pictographs)

[**S.8**Interpret histograms](http://www.ixl.com/math/grade-5/interpret-histograms)

[**S.9**Create histograms](http://www.ixl.com/math/grade-5/create-histograms)

[**S.10**Interpret line plots](http://www.ixl.com/math/grade-5/interpret-line-plots)

[**S.11**Create line plots](http://www.ixl.com/math/grade-5/create-line-plots)

[**S.12**Frequency charts](http://www.ixl.com/math/grade-5/frequency-charts)

[**S.13**Stem-and-leaf plots](http://www.ixl.com/math/grade-5/stem-and-leaf-plots)

[**S.14**Circle graphs](http://www.ixl.com/math/grade-5/circle-graphs)

[**S.15**Choose the best type of graph](http://www.ixl.com/math/grade-5/choose-the-best-type-of-graph)

1. **Patterns and sequences**

[**T.1**Geometric growth patterns](http://www.ixl.com/math/grade-5/geometric-growth-patterns)

[**T.2**Increasing growth patterns](http://www.ixl.com/math/grade-5/increasing-growth-patterns)

[**T.3**Patterns involving addition and multiplication](http://www.ixl.com/math/grade-5/patterns-involving-addition-and-multiplication)

[**T.4**Numeric patterns: word problems](http://www.ixl.com/math/grade-5/numeric-patterns-word-problems)

[**T.5**Mixed patterns review](http://www.ixl.com/math/grade-5/mixed-patterns-review)

1. **Addition and subtraction**

[**D.1**Add and subtract whole numbers up to billions](http://www.ixl.com/math/grade-5/add-and-subtract-whole-numbers-up-to-billions)

[**D.2**Add and subtract whole numbers: word problems](http://www.ixl.com/math/grade-5/add-and-subtract-whole-numbers-word-problems)

[**D.3**Add and subtract money amounts](http://www.ixl.com/math/grade-5/add-and-subtract-money-amounts)

[**D.4**Add and subtract money: word problems](http://www.ixl.com/math/grade-5/add-and-subtract-money-word-problems)

[**D.5**Complete addition and subtraction sentences](http://www.ixl.com/math/grade-5/complete-addition-and-subtraction-sentences)

[**D.6**Fill in the missing digits](http://www.ixl.com/math/grade-5/fill-in-the-missing-digits)

[**D.7**Choose numbers with a particular sum or difference](http://www.ixl.com/math/grade-5/choose-numbers-with-a-particular-sum-or-difference)

[**D.8**Properties of addition](http://www.ixl.com/math/grade-5/properties-of-addition)

[**D.9**Inequalities with addition and subtraction](http://www.ixl.com/math/grade-5/inequalities-with-addition-and-subtraction)

[**D.10**Estimate sums and differences of whole numbers](http://www.ixl.com/math/grade-5/estimate-sums-and-differences-of-whole-numbers)

[**D.11**Estimate sums and differences: word problems](http://www.ixl.com/math/grade-5/estimate-sums-and-differences-word-problems)

1. **Time**

[**X.1**Convert time units](http://www.ixl.com/math/grade-5/convert-time-units)

[**X.2**Add and subtract mixed time units](http://www.ixl.com/math/grade-5/add-and-subtract-mixed-time-units)

[**X.3**Time zones](http://www.ixl.com/math/grade-5/time-zones)

[**X.4**Elapsed time](http://www.ixl.com/math/grade-5/elapsed-time)

[**X.5**Find start and end times: word problems](http://www.ixl.com/math/grade-5/find-start-and-end-times-word-problems)

[**X.6**Schedules and time lines](http://www.ixl.com/math/grade-5/schedules-and-time-lines)

[**X.7**Time patterns](http://www.ixl.com/math/grade-5/time-patterns)

1. **Probability and statistics**

[**Y.1**Calculate mean, median, mode, and range](http://www.ixl.com/math/grade-5/calculate-mean-median-mode-and-range)

[**Y.2**Mean, median, mode, and range: find the missing number](http://www.ixl.com/math/grade-5/mean-median-mode-and-range-find-the-missing-number)

[**Y.3**Interpret charts to find mean, median, mode, and range](http://www.ixl.com/math/grade-5/interpret-charts-to-find-mean-median-mode-and-range)

1. **Consumer math**

[**U.1**Price lists](http://www.ixl.com/math/grade-5/price-lists)

[**U.2**Unit prices](http://www.ixl.com/math/grade-5/unit-prices)

[**U.3**Sale prices](http://www.ixl.com/math/grade-5/sale-prices)