**6th Grade iXL Skills ~ Summer 2017**

* **Week 1 – Rational Numbers**



* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000042&timePeriod=5)[**P.2**Put rational numbers in order](https://www.ixl.com/math/grade-6/put-rational-numbers-in-order)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000043&timePeriod=5)[**P.3**Absolute value of rational numbers](https://www.ixl.com/math/grade-6/absolute-value-of-rational-numbers)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000044&timePeriod=5)[**P.4**Add and subtract rational numbers](https://www.ixl.com/math/grade-6/add-and-subtract-rational-numbers)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000045&timePeriod=5)[**P.5**Multiply and divide rational numbers](https://www.ixl.com/math/grade-6/multiply-and-divide-rational-numbers)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2020000439&timePeriod=5)[**P.6**Rational numbers: find the sign](https://www.ixl.com/math/grade-6/rational-numbers-find-the-sign)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000031&timePeriod=5)
* **Week 2 and 3 – Measurement**
* [**T.1**Estimate customary measurements](https://www.ixl.com/math/grade-6/estimate-customary-measurements)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000380&timePeriod=5)[**T.2**Estimate metric measurements](https://www.ixl.com/math/grade-6/estimate-metric-measurements)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000210&timePeriod=5)[**T.3**Convert and compare customary units](https://www.ixl.com/math/grade-6/convert-and-compare-customary-units)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000211&timePeriod=5)[**T.4**Convert, compare, add, and subtract mixed customary units](https://www.ixl.com/math/grade-6/convert-compare-add-and-subtract-mixed-customary-units)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000212&timePeriod=5)[**T.5**Multiply and divide mixed customary units](https://www.ixl.com/math/grade-6/multiply-and-divide-mixed-customary-units)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000213&timePeriod=5)[**T.6**Customary unit conversions involving fractions and mixed numbers](https://www.ixl.com/math/grade-6/customary-unit-conversions-involving-fractions-and-mixed-numbers)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000214&timePeriod=5)[**T.7**Convert and compare metric units](https://www.ixl.com/math/grade-6/convert-and-compare-metric-units)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000215&timePeriod=5)[**T.8**Convert between customary and metric systems](https://www.ixl.com/math/grade-6/convert-between-customary-and-metric-systems)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000217&timePeriod=5)[**T.9**Compare temperatures above and below zero](https://www.ixl.com/math/grade-6/compare-temperatures-above-and-below-zero)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000216&timePeriod=5)[**T.10**Convert between Celsius and Fahrenheit](https://www.ixl.com/math/grade-6/convert-between-celsius-and-fahrenheit)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000083&timePeriod=5)
* **Week 4 – Money**
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000067&timePeriod=5)[**U.3**Add and subtract money amounts: word problems](https://www.ixl.com/math/grade-6/add-and-subtract-money-amounts-word-problems)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000068&timePeriod=5)[**U.4**Multiply money by whole numbers and decimals](https://www.ixl.com/math/grade-6/multiply-money-by-whole-numbers-and-decimals)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000069&timePeriod=5)[**U.5**Multiply money: word problems](https://www.ixl.com/math/grade-6/multiply-money-word-problems)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000070&timePeriod=5)[**U.6**Divide money amounts](https://www.ixl.com/math/grade-6/divide-money-amounts)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000071&timePeriod=5)[**U.7**Divide money amounts: word problems](https://www.ixl.com/math/grade-6/divide-money-amounts-word-problems)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000054&timePeriod=5)
* **Week 5 – Consumer Math**
* [**V.1**Which is the better coupon?](https://www.ixl.com/math/grade-6/which-is-the-better-coupon)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000073&timePeriod=5)[**V.2**Unit prices](https://www.ixl.com/math/grade-6/unit-prices)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2002025901&timePeriod=5)[**V.5**Sale prices](https://www.ixl.com/math/grade-6/sale-prices)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2002025920&timePeriod=5)[**V.6**Sale prices: find the original price](https://www.ixl.com/math/grade-6/sale-prices-find-the-original-price)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000250&timePeriod=5)[**V.7**Percents - calculate tax, tip, mark-up, and more](https://www.ixl.com/math/grade-6/percents-calculate-tax-tip-mark-up-and-more)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000251&timePeriod=5)[**V.8**Simple interest](https://www.ixl.com/math/grade-6/simple-interest)
* **Week 6 and 7 – Expression and Properties**
* [**Y.1**Write variable expressions](https://www.ixl.com/math/grade-6/write-variable-expressions)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000119&timePeriod=5)[**Y.2**Write variable expressions: word problems](https://www.ixl.com/math/grade-6/write-variable-expressions-word-problems)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000140&timePeriod=5)[**Y.3**Evaluate variable expressions with whole numbers](https://www.ixl.com/math/grade-6/evaluate-variable-expressions-with-whole-numbers)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000122&timePeriod=5)[**Y.4**Evaluate multi-variable expressions](https://www.ixl.com/math/grade-6/evaluate-multi-variable-expressions)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000142&timePeriod=5)[**Y.5**Evaluate variable expressions with decimals, fractions, and mixed numbers](https://www.ixl.com/math/grade-6/evaluate-variable-expressions-with-decimals-fractions-and-mixed-numbers)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000127&timePeriod=5)[**Y.6**Identify terms and coefficients](https://www.ixl.com/math/grade-6/identify-terms-and-coefficients)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2020023102&timePeriod=5)[**Y.7**Sort factors of expressions](https://www.ixl.com/math/grade-6/sort-factors-of-expressions)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000081&timePeriod=5)[**Y.8**Properties of addition](https://www.ixl.com/math/grade-6/properties-of-addition)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000101&timePeriod=5)[**Y.9**Properties of multiplication](https://www.ixl.com/math/grade-6/properties-of-multiplication)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2002022033&timePeriod=5)[**Y.10**Multiply using the distributive property](https://www.ixl.com/math/grade-6/multiply-using-the-distributive-property)
* **Week 8 and 9 – One-variable equations**
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2009005050&timePeriod=5)[**Z.1**Does x satisfy an equation?](https://www.ixl.com/math/grade-6/does-x-satisfy-an-equation)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2020001280&timePeriod=5)[**Z.2**Which x satisfies an equation?](https://www.ixl.com/math/grade-6/which-x-satisfies-an-equation)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2020002033&timePeriod=5)[**Z.3**Write an equation from words](https://www.ixl.com/math/grade-6/write-an-equation-from-words)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2020002037&timePeriod=5)[**Z.4**Model and solve equations using algebra tiles](https://www.ixl.com/math/grade-6/model-and-solve-equations-using-algebra-tiles)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2020002029&timePeriod=5)[**Z.5**Write and solve equations that represent diagrams](https://www.ixl.com/math/grade-6/write-and-solve-equations-that-represent-diagrams)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000143&timePeriod=5)[**Z.6**Solve one-step equations with whole numbers](https://www.ixl.com/math/grade-6/solve-one-step-equations-with-whole-numbers)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000121&timePeriod=5)[**Z.7**Solve one-step equations with decimals, fractions, and mixed numbers](https://www.ixl.com/math/grade-6/solve-one-step-equations-with-decimals-fractions-and-mixed-numbers)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2002025925&timePeriod=5)[**Z.8**Solve one-step equations: word problems](https://www.ixl.com/math/grade-6/solve-one-step-equations-word-problems)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000123&timePeriod=5)[**Z.9**Solve two-step equations](https://www.ixl.com/math/grade-6/solve-two-step-equations)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000129&timePeriod=5)[**Z.10**Solve equations involving like terms](https://www.ixl.com/math/grade-6/solve-equations-involving-like-terms)
* **Week 10– Probability**
* [**II.1**Counting principle](https://www.ixl.com/math/grade-6/counting-principle)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000260&timePeriod=5)[**II.2**Probability of one event](https://www.ixl.com/math/grade-6/probability-of-one-event)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000254&timePeriod=5)[**II.3**Make predictions](https://www.ixl.com/math/grade-6/make-predictions)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000255&timePeriod=5)[**II.4**Probability of opposite, mutually exclusive, and overlapping events](https://www.ixl.com/math/grade-6/probability-of-opposite-mutually-exclusive-and-overlapping-events)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000256&timePeriod=5)[**II.5**Compound events - find the number of outcomes by counting](https://www.ixl.com/math/grade-6/compound-events-find-the-number-of-outcomes-by-counting)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2002022024&timePeriod=5)[**II.6**Identify dependent and independent events](https://www.ixl.com/math/grade-6/identify-dependent-and-independent-events)
* [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000257&timePeriod=5)[**II.7**Probability of dependent and independent events](https://www.ixl.com/math/grade-6/probability-of-dependent-and-independent-events)