Spring Break 2020 Grade 6 Student Resource Links



**Grade 6**

**RP.A.3 Solve problems involving ratios and rates.**

* **RP.A.3.a Create tables of equivalent ratios, find missing values in the tables and plot the pairs of values on the Cartesian coordinate plane.**
  + [Identify equivalent ratios (6-R.4)](https://www.ixl.com/math/grade-6/identify-equivalent-ratios)
  + [Write an equivalent ratio (6-R.5)](https://www.ixl.com/math/grade-6/write-an-equivalent-ratio)
  + [Ratio tables (6-R.6)](https://www.ixl.com/math/grade-6/ratio-tables)
  + [Equivalent ratios: word problems (6-R.7)](https://www.ixl.com/math/grade-6/equivalent-ratios-word-problems)
* **RP.A.3.b Solve unit rate problems.**
  + [Unit rates: word problems (6-R.11)](https://www.ixl.com/math/grade-6/unit-rates-word-problems)
  + [Unit prices with fractions and decimals (6-V.3)](https://www.ixl.com/math/grade-6/unit-prices-with-fractions-and-decimals)
* **RP.A.3.c Solve percent problems.**
  + [What percentage is illustrated? (6-S.1)](https://www.ixl.com/math/grade-6/what-percentage-is-illustrated)
  + [Percents of numbers: word problems (6-S.6)](https://www.ixl.com/math/grade-6/percents-of-numbers-word-problems)
  + [Find the total given a part and a percent (6-S.10)](https://www.ixl.com/math/grade-6/find-the-total-given-a-part-and-a-percent)
  + [Which is the better coupon? (6-V.1)](https://www.ixl.com/math/grade-6/which-is-the-better-coupon)
  + [Sale prices (6-V.5)](https://www.ixl.com/math/grade-6/sale-prices)
* **RP.A.3.d Convert measurement units within and between two systems of measurement.**
  + [Convert and compare customary units (6-T.3)](https://www.ixl.com/math/grade-6/convert-and-compare-customary-units)
  + [Multiply and divide mixed customary units (6-T.5)](https://www.ixl.com/math/grade-6/multiply-and-divide-mixed-customary-units)
  + [Customary unit conversions involving fractions and mixed numbers (6-T.6)](https://www.ixl.com/math/grade-6/customary-unit-conversions-involving-fractions-and-mixed-numbers)
  + [Convert and compare metric units (6-T.7)](https://www.ixl.com/math/grade-6/convert-and-compare-metric-units)
  + [Convert between customary and metric systems (6-T.8)](https://www.ixl.com/math/grade-6/convert-between-customary-and-metric-systems)
  + [Unit prices with customary unit conversions (6-V.4)](https://www.ixl.com/math/grade-6/unit-prices-with-customary-unit-conversions)

**NS.C.6 Locate a rational number as a point on the number line.**

* **NS.C.6.a Locate rational numbers on a horizontal or vertical number line.**
  + [Understanding opposite integers (6-M.)](https://www.ixl.com/math/grade-6/understanding-opposite-integers)
  + [Rational numbers: find the sign (6-P.7)](https://www.ixl.com/math/grade-6/rational-numbers-find-the-sign)
* **NS.C.6.b Write, interpret and explain problems of ordering of rational numbers.**
  + [Quadrants (6-X.3)](https://www.ixl.com/math/grade-6/quadrants)
* **NS.C.6.c Understand that a number and its opposite (additive inverse) are located on opposite sides of zero on the number line.**
  + [Integers on number lines (6-M.2)](https://www.ixl.com/math/grade-6/integers-on-number-lines)
  + [Absolute value (6-M.5)](https://www.ixl.com/math/grade-6/absolute-value)