Spring Break 2020 Grade 7 Student Resource Links



**Grade 7**

**DSP.C Develop, use and evaluate probability models.**

* **DSP.C.5 Investigate the probability of chance events.**
  + **DSP.C.5.a Determine probabilities of simple events.**
    - [Probability of simple events (7-DD.1)](https://www.ixl.com/math/grade-7/probability-of-simple-events)
  + **DSP.C.5.b Understand that the probability of a chance event is a number between 0 and 1 that expresses the likelihood of the event occurring.**
    - [Probability of simple events (7-DD.1)](https://www.ixl.com/math/grade-7/probability-of-simple-events)

**NS.A.1 Apply and extend previous understandings of numbers to add and subtract rational numbers.**

* **NS.A.1.a Add and subtract rational numbers.**
  + [Add and subtract integers (7-C.9)](https://www.ixl.com/math/grade-7/add-and-subtract-integers)
  + [Add and subtract decimals (7-E.1)](https://www.ixl.com/math/grade-7/add-and-subtract-decimals)
  + [Add and subtract fractions (7-G.1)](https://www.ixl.com/math/grade-7/add-and-subtract-fractions)
  + [Add and subtract mixed numbers (7-G.3)](https://www.ixl.com/math/grade-7/add-and-subtract-mixed-numbers)
  + [Add and subtract rational numbers (7-H.10)](https://www.ixl.com/math/grade-7/add-and-subtract-rational-numbers)
  + [Apply addition and subtraction rules (7-H.12)](https://www.ixl.com/math/grade-7/apply-addition-and-subtraction-rules)
* **NS.A.1.b Represent addition and subtraction on a horizontal or vertical number line.**
  + [Add integers (7-C.3)](https://www.ixl.com/math/grade-7/add-integers)
  + [Subtract integers (7-C.6)](https://www.ixl.com/math/grade-7/subtract-integers)
  + [Add and subtract integers (7-C.9)](https://www.ixl.com/math/grade-7/add-and-subtract-integers)
  + [Add and subtract decimals (7-E.1)](https://www.ixl.com/math/grade-7/add-and-subtract-decimals)
  + [Add and subtract fractions (7-G.1)](https://www.ixl.com/math/grade-7/add-and-subtract-fractions)
  + [Add and subtract mixed numbers (7-G.3)](https://www.ixl.com/math/grade-7/add-and-subtract-mixed-numbers)
  + [Add and subtract positive and negative decimals (7-H.8)](https://www.ixl.com/math/grade-7/add-and-subtract-positive-and-negative-decimals)
  + [Add and subtract positive and negative fractions (7-H.9)](https://www.ixl.com/math/grade-7/add-and-subtract-positive-and-negative-fractions)
  + [Add and subtract rational numbers (7-H.10)](https://www.ixl.com/math/grade-7/add-and-subtract-rational-numbers)
* **NS.A.1.c Describe situations and show that a number and its opposite have a sum of 0 (additive inverses).**
  + [Absolute value and opposite integers (7-B.4)](https://www.ixl.com/math/grade-7/absolute-value-and-opposite-integers)
  + [Quantities that combine to zero: word problems (7-B.)](https://www.ixl.com/math/grade-7/quantities-that-combine-to-zero-word-problems)
* **NS.A.1.d Understand subtraction of rational numbers as adding the additive inverse.**
  + [Integer addition and subtraction rules (7-C.7)](https://www.ixl.com/math/grade-7/integer-addition-and-subtraction-rules)
  + [Apply addition and subtraction rules (7-H.12)](https://www.ixl.com/math/grade-7/apply-addition-and-subtraction-rules)
* **NS.A.1.e Determine the distance between two rational numbers on the number line is the absolute value of their difference.**
* **NS.A.1.f Interpret sums and differences of rational numbers.**
  + [Add and subtract integers: word problems (7-C.11)](https://www.ixl.com/math/grade-7/add-and-subtract-integers-word-problems)
  + [Add and subtract decimals: word problems (7-E.2)](https://www.ixl.com/math/grade-7/add-and-subtract-decimals-word-problems)
  + [Add and subtract fractions: word problems (7-G.2)](https://www.ixl.com/math/grade-7/add-and-subtract-fractions-word-problems)
  + [Add and subtract mixed numbers: word problems (7-G.4)](https://www.ixl.com/math/grade-7/add-and-subtract-mixed-numbers-word-problems)