

# Sixth Grade

## Ratios and Proportional Relationships 6.RP

### A. Major Cluster: Apply ratio concepts and use ratio reasoning to solve problems. 6.RP.A

- 1 Demonstrate a simple ratio relationship. EE.6.RP.1
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## The Number System 6.NS

### A. Major Cluster: Apply and extend previous understandings of multiplication and division to divide fractions by fractions. 6.NS.A

- 1 Compare the relationships between two-unit fractions. EE.6.NS.1
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### B. Additional Cluster: Compute with multi-digit numbers and find common factors and multiples. 6.NS.B

- 2 Apply the concept of fair share and equal shares to divide. EE.6.NS.2
  - 3 Solve two-factor multiplication problems with products up to 50 using concrete objects and/or a calculator. EE.6.NS.3
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## Expressions and Equations 6.EE

### A. Major Cluster: Apply and extend previous understandings of arithmetic to algebraic expressions. 6.EE.A

- 1 Identify equivalent number sentences. EE.6.EE.1-2
  - 2 Identify equivalent number sentences. EE.6.EE.1-2
  - 3 Apply the properties of addition to identify equivalent numerical expressions. EE.6.EE.3
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### B. Major Cluster: Reason about and solve one-variable equations and inequalities. 6.EE.B

- 5 Match an equation to a real-world problem in which variables are used to represent numbers. EE.6.EE.5-7
  - 6 Match an equation to a real-world problem in which variables are used to represent numbers. EE.6.EE.5-7
  - 7 Match an equation to a real-world problem in which variables are used to represent numbers. EE.6.EE.5-7
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**Geometry** 6.G

**A. Supporting Cluster: Solve real-world and mathematical problems involving area, surface area, and volume.** 6.G.A

- 1 Solve real-world and mathematical problems about area using unit squares. EE.6.G.1
  - 2 Solve real-world and mathematical problems about volume using unit cubes. EE.6.G.2
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**Statistics and Probability** 6.SP

**A. Additional Cluster: Develop understanding of statistical variability.** 6.SP.A

- 1 Display data on a graph or table that shows variability in the data. EE.6.SP.1-2
  - 2 Display data on a graph or table that shows variability in the data. EE.6.SP.1-2
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**B. Additional Cluster: Summarize and describe distributions.** 6.SP.B

- 5 Summarize data distributions shown in graphs or tables. EE.6.SP.5