

Mathematics Essence Statements: Grade 3 (2026)

Numerical Representations and Relationships: The student will demonstrate an understanding of how to represent and manipulate numbers and expressions.

Number and operations

- 2 The student applies mathematical process standards to represent and compare whole numbers and understand relationships related to place value. (Readiness and Supporting Standard) [3.2](#)
- 3 The student applies mathematical process standards to represent and explain fractional units. (Readiness and Supporting Standard) [3.3](#)
- 4 The student applies mathematical process standards to develop and use strategies and methods for whole number computations in order to solve problems with efficiency and accuracy. (Supporting Standard) [3.4](#)

Computations and Algebraic Relationships: The student will demonstrate an understanding of how to perform operations and represent algebraic relationships.

Number and operations

- 4 The student applies mathematical process standards to develop and use strategies and methods for whole number computations in order to solve problems with efficiency and accuracy. (Readiness and Supporting Standard) [3.4](#)

Algebraic reasoning

- 5 The student applies mathematical process standards to analyze and create patterns and relationships. (Readiness and Supporting Standard) [3.5](#)

Geometry and Measurement: The student will demonstrate an understanding of how to represent and apply geometry and measurement concepts.

Geometry and measurement

- 6 The student applies mathematical process standards to analyze attributes of two-dimensional geometric figures to develop generalizations about their properties. (Readiness and Supporting Standard) [3.6](#)
- 7 The student applies mathematical process standards to select appropriate units, strategies, and tools to solve problems involving customary and metric measurement. (Readiness and Supporting Standard) [3.7](#)

Data Analysis and Personal Financial Literacy: The student will demonstrate an understanding of how to represent and analyze data and how to

Number and operations

- 4 The student applies mathematical process standards to develop and use strategies and methods for whole number computations in order to solve problems with efficiency and accuracy. (Supporting Standard) [3.4](#)

Data analysis

**describe and apply
personal financial
concepts.**

- 8 The student applies mathematical process standards to solve problems by collecting, organizing, displaying, and interpreting data. (Readiness and Supporting Standard) 3.8
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Personal financial literacy

- 9 The student applies mathematical process standards to manage one's financial resources effectively for lifetime financial security. (Supporting Standard) 3.9