

Grade 5 Math Essence Statements (2026)

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

Algebraic reasoning

- 4 The student applies mathematical process standards to develop concepts of expressions and equations. (Readiness and Supporting Standard) 5.4

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

Number and operations

- 3 The student applies mathematical process standards to develop and use strategies and methods for positive rational number computations in order to solve problems with efficiency and accuracy. (Readiness and Supporting Standard) 5.3

Algebraic reasoning

- 4 The student applies mathematical process standards to develop concepts of expressions and equations. (Readiness and Supporting Standard) 5.4

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

Algebraic reasoning

- 4 The student applies mathematical process standards to develop concepts of expressions and equations. (Readiness Standard) 5.4

Geometry and measurement

- 5 The student applies mathematical process standards to classify twodimensional figures by attributes and properties. (Readiness Standard) 5.5
- 6 The student applies mathematical process standards to understand, recognize, and quantify volume. (Supporting Standard) 5.6
- 7 The student applies mathematical process standards to select appropriate units, strategies, and tools to solve problems involving measurement. (Supporting Standard) 5.7

Data Analysis and Personal Financial Literacy: The student

Data Analysis

will demonstrate an understanding of how to represent and analyze data and how to describe and apply personal financial concepts.

- 9 The student applies mathematical process standards to solve problems by collecting, organizing, displaying, and interpreting data. (Readiness and Supporting Standard) 5.9
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Personal financial literacy

- 10 The student applies mathematical process standards to manage one's financial resources effectively for lifetime financial security. (Supporting Standard) 5.10