

# Correlation to the Math Standards

Standard	Card No.
<b>Operations and Algebraic Thinking</b>	
Use parentheses, brackets, or braces in numerical expressions. (5.OA.1)	1, 4, 6, 7, 8, 11, 16, 17
Write simple expressions and interpret them without evaluating them. (5.OA.2)	2, 3, 15, 20
Generate two numerical patterns using two given rules. (5.OA.3)	5, 9, 10, 12, 13, 14, 18, 19
<b>Number and Operations in Base Ten</b>	
Recognize that in a multi-digit whole number, a digit in one place represents ten times as much as it represents in the place to its right, and $\frac{1}{10}$ of what it represents in the place to its left. (5.NBT.1)	1, 5, 20
Explain patterns in the number of zeros and placement of the decimal point when multiplying or dividing by powers of 10. (5.NBT.2)	2, 3, 7, 12, 15
Read, write, and compare decimals to thousandths. (5.NBT.3)	4, 8, 9, 14
Use place-value understanding to round decimals to any place. (5.NBT.4)	9, 17
Fluently multiply multi-digit whole numbers using the standard algorithm. (5.NBT.5)	10, 13, 19

Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors. (5.NBT.6)	6, 11
Add, subtract, multiply, and divide decimals to hundredths. (5.NBT.7)	16, 18
<b>Number and Operations – Fractions</b>	
Add and subtract fractions with unlike denominators. (5.NF.1)	3, 7, 10
Solve word problems involving addition and subtraction of fractions. (5.NF.2)	1, 5, 11
Interpret a fraction as division of the numerator by the denominator. (5.NF.3)	2, 4
Multiply a fraction or a whole number by a fraction. (5.NF.4)	5, 8, 9, 12, 13
Interpret multiplication as scaling (resizing). (5.NF.5)	14, 15
Solve problems involving multiplication of fractions and mixed numbers using a visual model. (5.NF.6)	16, 17
Divide unit fractions by whole numbers and whole numbers by unit fractions. (5.NF.7)	6, 18, 19, 20

Measurement and Data	
Convert among different-sized standard measurement units within a given measurement system. (5.MD.1)	1, 7, 10, 11, 12, 13, 15, 18, 19
Use operations on fractions to solve problems involving information presented in line plots. (5.MD.2)	4, 20
Understand concepts of volume measurement. (5.MD.3)	2, 16
Measure volume by counting unit cubes. (5.MD.4)	2, 5
Relate volume to the operations of multiplication and addition. (5.MD.5)	3, 5, 6, 8, 9, 14, 17
Geometry	
Use axes to define a coordinate system, and locate a given point in the coordinate plane by using an ordered pair of numbers, called coordinates. (5.G.1)	1, 10, 12, 13, 16
Graph points in the first quadrant of the coordinate plane. (5.G.2)	2, 11, 17
Understand that attributes belonging to a category of two-dimensional figures also belong to all subcategories of that category. (5.G.3)	1, 3, 4, 9, 15, 18
Classify two-dimensional figures in a hierarchy based on properties. (5.G.4)	1, 3, 4, 6, 7, 8, 9, 14, 19, 20

## Getting Started with the Problem-Solving Practice Cards

Congratulations on your purchase of the **Problem-Solving Practice Cards!**

Designed for rigor and carefully aligned to the Math Standards, these activity cards build student confidence in problem solving as the cards progress from strategies and procedures to a deep understanding of math concepts.

This box contains:

- 100 problem-solving cards, 20 cards for each of the five domains of the current math standards.
- This teacher guide, which includes the “Getting Started” pages and a complete answer key.

Featuring classroom-tested problems, each card suggests a specific problem-solving strategy to be used, such as:

- drawing a picture,
- using a model, or
- writing and solving an equation.