

Decimals

Process: Tools to Know		Notes	Check Up		
Applying Math in Everyday Situations	<input type="checkbox"/> I can determine what math I need to use to solve a problem. 4.1(A)				
Using Problem Solving Models	<input type="checkbox"/> I can use a problem-solving model to solve a problem. 4.1(B)				

Content		Notes	Check Up		
Representation of Whole Numbers and Decimals	<input type="checkbox"/> I can represent the value of whole numbers and decimals using expanded notation. 4.2(B)				
	<input type="checkbox"/> I can explain that when you move to the right on the place value chart, the values are getting ten times smaller; when you move to the left on a place value chart, the values are getting ten times larger. 4.2(A)				
	<input type="checkbox"/> I can represent the value of a decimal using objects or a picture. 4.2(E)				
	<input type="checkbox"/> I can locate the value of a decimal on a number line. 4.3(G); 4.2(H)				
Comparison of Whole Numbers and Decimals	<input type="checkbox"/> I can compare numbers up to a billion using $>$, $<$, or $=$. 4.2(C)				
	<input type="checkbox"/> I can draw a model to compare decimal values. 4.2(F)				
Addition/ Subtraction of Whole Numbers and Decimals	<input type="checkbox"/> I can add and subtract decimals. 4.4(A)				

Process: Ways to Show		Notes	Check Up		
Creating/Using Representations	<input type="checkbox"/> I can create a representation of my math solution and explain it to another person. 4.1(E)				
Analyzing Information	<input type="checkbox"/> I can describe and connect math ideas. 4.1(F)				

Fractions

Process: Tools to Know		Notes	Check Up		
Applying Math in Everyday Situations	<input type="checkbox"/> I can determine what math I need to use to solve a problem. 4.1(A)				
Using Problem Solving Models	<input type="checkbox"/> I can use a problem-solving model to solve a problem. 4.1(B)				

Content		Notes	Check Up		
Representation of Fractions	<input type="checkbox"/> I can use objects or pictures to decompose a fraction and represent the value as the sum of fractions with like denominators. 4.3(A), 4.3(B)				
Equivalency of Fractions	<input type="checkbox"/> I can relate decimals to fractions. 4.2(G)				
	<input type="checkbox"/> I can determine if two fractions are equivalent. 4.3(C)				
	<input type="checkbox"/> I can locate the value of a fraction on a number line. 4.3(G)				
Comparison of Fractions	<input type="checkbox"/> I can compare two fractions using $>$, $<$, or $=$. 4.3(D)				
Addition/ Subtraction of Fractions	<input type="checkbox"/> I can model the addition and subtraction of fractions with like denominators using objects and pictures. 4.3(E)				
	<input type="checkbox"/> I can use benchmark fractions to help me estimate reasonable answers. 4.3(F)				

Process: Ways to Show		Notes	Check Up		
Creating/Using Representations	<input type="checkbox"/> I can create a representation of my math solution and explain it to another person. 4.1(E)				
Analyzing Information	<input type="checkbox"/> I can describe and connect math ideas. 4.1(F)				

Whole Number Operations

Process: Tools to Know		Notes	Check Up		
Applying Math in Everyday Situations	<input type="checkbox"/> I can determine what math I need to use to solve a problem. 4.1(A)				
Using Problem Solving Models	<input type="checkbox"/> I can use a problem-solving model to solve a problem. 4.1(B)				

Content		Notes	Check Up		
Estimation of Whole Numbers	<input type="checkbox"/> I can round numbers to the hundred thousands place. 4.2(D)				
	<input type="checkbox"/> I can round numbers to the nearest 10, 100, or 1,000 to estimate solutions to math problems. 4.4(G)				
Multiplication of Whole Numbers	<input type="checkbox"/> I can solve real-world multiplication problems. 4.4(H)				
	<input type="checkbox"/> I can multiply a number by 10 or 100 using my understanding of place value. 4.4(B)				
	<input type="checkbox"/> I can represent multiplication using a visual model and equations. 4.4(C)				
	<input type="checkbox"/> I can multiply a four-digit number by a one-digit number and a two-digit by two-digit number. 4.4(D)				
Division of Whole Numbers	<input type="checkbox"/> I can solve real-world division problems. 4.4(H)				
	<input type="checkbox"/> I can interpret what to do with the remainder in a division problem. 4.4(H)				
	<input type="checkbox"/> I can represent division using a visual model and equations. 4.4(E)				
	<input type="checkbox"/> I can divide a four-digit number by a one-digit number. 4.4(F)				
Numerical Patterns	<input type="checkbox"/> I can relate the position and value of a series of numbers using an input-output table. 4.5(B)				
All Operations of Whole Numbers	<input type="checkbox"/> I can represent multi-step problems with a strip diagram and an equation. 4.5(A)				

Process: Ways to Show		Notes	Check Up		
Creating/Using Representations	<input type="checkbox"/> I can create a representation of my math solution and explain it to another person. 4.1(E)				
Analyzing Information	<input type="checkbox"/> I can describe and connect math ideas. 4.1(F)				

Geometry

Process: Tools to Know		Notes	Check Up		
Applying Math in Everyday Situations	<input type="checkbox"/> I can determine what math I need to use to solve a problem. 4.1(A)				
Using Problem Solving Models	<input type="checkbox"/> I can use a problem-solving model to solve a problem. 4.1(B)				

Content		Notes	Check Up		
Two-Dimensional	<input type="checkbox"/> I can classify two-dimensional shapes based on parallel or perpendicular lines or size of angles. 4.6(D)				
	<input type="checkbox"/> I can identify points, lines, line segments, rays, angles, and perpendicular and parallel lines for two-dimensional shapes. 4.6(A)				
	<input type="checkbox"/> I can identify and draw lines of symmetry for two-dimensional shapes. 4.6(B)				
	<input type="checkbox"/> I can identify an acute, right, and obtuse triangle. 4.6(C)				
Angle Measurements	<input type="checkbox"/> I can use a protractor to figure out the measurement of an angle or draw an angle. 4.7(C), 4.7(D)				
	<input type="checkbox"/> I can find the measurement of unknown angles. 4.7(E)				
	<input type="checkbox"/> I can show how an angle is part of a circle by cutting two-line segments to the center of the circle. 4.7(A)				
	<input type="checkbox"/> I can use degrees to show the measurement of the angles in a circle. 4.7(B)				

Process: Ways to Show		Notes	Check Up		
Creating/Using Representations	<input type="checkbox"/> I can create a representation of my math solution and explain it to another person. 4.1(E)				
Analyzing Information	<input type="checkbox"/> I can describe and connect math ideas. 4.1(F)				

Measurement

Process: Tools to Know		Notes	Check Up		
Applying Math in Everyday Situations	<input type="checkbox"/> I can determine what math I need to use to solve a problem. 4.1(A)				
Using Problem Solving Models	<input type="checkbox"/> I can use a problem-solving model to solve a problem. 4.1(B)				

Content		Notes	Check Up		
Perimeter/Area	<input type="checkbox"/> I can solve perimeter problems. 4.5(D)				
	<input type="checkbox"/> I can solve area problems. 4.5(D)				
	<input type="checkbox"/> I can use objects or pictures to figure out the formula for perimeter. 4.5(C)				
	<input type="checkbox"/> I can use objects or pictures to figure out the formula for area. 4.5(C)				
Related Measurement Concepts	<input type="checkbox"/> I can solve measurement problems dealing with length, time, liquid volume, mass, and money. 4.8(C)				
Conversions	<input type="checkbox"/> I can identify real-world examples of measurement units. 4.8(A)				
	<input type="checkbox"/> I can use a table to convert measurement units. 4.8(B)				

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Creating/Using Representations	<input type="checkbox"/> I can create a representation of my math solution and explain it to another person. 4.1(E)				
Analyzing Information	<input type="checkbox"/> I can describe and connect math ideas. 4.1(F)				

Data Analysis

Process: Tools to Know		Notes	Check Up		
Applying Math in Everyday Situations	<input type="checkbox"/> I can determine what math I need to use to solve a problem. 4.1(A)				
Using Problem Solving Models	<input type="checkbox"/> I can use a problem-solving model to solve a problem. 4.1(B)				

Content		Notes	Check Up		
Representation of Data	<input type="checkbox"/> I can represent data on a frequency table. 4.9(A)				
	<input type="checkbox"/> I can represent data on a dot plot. 4.9(A)				
	<input type="checkbox"/> I can represent data on a stem-and-leaf plot. 4.9(A)				
Interpretation of Data	<input type="checkbox"/> I can solve problems using data from a frequency table, dot plot, or stem-and-leaf plot. 4.9(B)				

Process: Ways to Show		Notes	Check Up		
Creating/Using Representations	<input type="checkbox"/> I can create a representation of my math solution and explain it to another person. 4.1(E)				
Analyzing Information	<input type="checkbox"/> I can describe and connect math ideas. 4.1(F)				

Personal Financial Literacy

Process: Tools to Know		Notes	Check Up		
Applying Math in Everyday Situations	<input type="checkbox"/> I can determine what math I need to use to solve a problem. 4.1(A)				
Using Problem Solving Models	<input type="checkbox"/> I can use a problem-solving model to solve a problem. 4.1(B)				

Content		Notes	Check Up		
Budgets	<input type="checkbox"/> I can explain the difference between fixed and variable expenses. 4.10(A)				
	<input type="checkbox"/> I can explain the purpose of a bank. 4.10(E)				
	<input type="checkbox"/> I can explain the advantages and disadvantages of putting my money into a savings account, checking account, bonds, or certificates of deposit. 4.10(C)				
	<input type="checkbox"/> I can explain how I would use my weekly allowance money to include saving money. 4.10(D)				
Economics	<input type="checkbox"/> I can calculate profit. 4.10(B)				

Process: Ways to Show		Notes	Check Up		
Creating/Using Representations	<input type="checkbox"/> I can create a representation of my math solution and explain it to another person. 4.1(E)				
Analyzing Information	<input type="checkbox"/> I can describe and connect math ideas. 4.1(F)				