

Rational Numbers

Catholic Identity Standards (Ways to Grow)		Notes	Check Up		
Living our Faith	<input type="checkbox"/> I can connect what I learn to my faith.*				
	<input type="checkbox"/> I can apply what I learn in my daily life.*				

Learning Process Standards (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. 6.2A				
Using Problem-Solving Models	<input type="checkbox"/> I can use a problem-solving model to solve a problem. 6.2B				
	<input type="checkbox"/> I like when I can solve difficult problems.* 6.2C				

Content		Notes	Check Up		
Comparing Rational Numbers	<input type="checkbox"/> I can order the following numbers in order from least to greatest: $-4.5, -(3\frac{3}{5}), -8, -0.3, 2, -3.2, 1\frac{1}{2}$. 6.4A				
	<input type="checkbox"/> I can classify numbers as whole numbers, integers, and rational numbers using a graphic organizer. 6.4A.1				
	<input type="checkbox"/> I can place the following numbers on a number line: $-4.5, -(3\frac{3}{5}), -8, -0.3, 2, -3.2, 1\frac{1}{2}$. 6.4A.2				
Multiplying and Dividing Positive Rational Numbers	<input type="checkbox"/> I can multiply and divide whole numbers, fractions, and decimals quickly and accurately. 6.4B				
	<input type="checkbox"/> I can explain how $5 \div 3 = \frac{5}{3} = 5 \times \frac{1}{3}$. 6.4B.1				
	<input type="checkbox"/> I can explain that $6 \div \frac{1}{2}$ is the same as 6×2 . 6.4B.2				
	<input type="checkbox"/> I can tell whether the product of a fraction multiplication problem will be greater than or less than the original number just by looking at the value of the fraction it is being multiplied by. 6.4B.3				
All Operations with Integers	<input type="checkbox"/> I can $+/-/x/\div$ positive and negative numbers quickly and accurately. 6.4C				
	<input type="checkbox"/> I can identify the opposite and absolute value for any number. 6.4C.1				
	<input type="checkbox"/> I can model how to $+/-/x/\div$ integers using colored counters and number lines. 6.4C.2				

Learning Process Standards (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. 6.2D				
Analyzing Information	<input type="checkbox"/> I can describe and connect math ideas. 6.2E				
	<input type="checkbox"/> I can ask questions to figure out if something is true or false.* 6.2F				

Proportional Reasoning

Catholic Identity Standards (Ways to Grow)		Notes	Check Up		
Living our Faith	<input type="checkbox"/> I can connect what I learn to my faith.*				
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Learning Process Standards (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. 6.2A				
Using Problem-Solving Models	<input type="checkbox"/> I can use a problem-solving model to solve a problem. 6.2B				
	<input type="checkbox"/> I like when I can solve difficult problems.* 6.2C				

Content		Notes	Check Up		
Percents	<input type="checkbox"/> I can use percents to solve a math problem. 6.5A				
	<input type="checkbox"/> I can represent a fraction as a decimal and percent. 6.5A.1				
	<input type="checkbox"/> I can represent a decimal as a fraction and percent. 6.5A.1				
	<input type="checkbox"/> I can represent a percent as a decimal and fraction. 6.5A.1				
	<input type="checkbox"/> I can use 10-by-10 grids, base-ten blocks, or percent bars to represent percents. 6.5A.2				
Ratios/Rates	<input type="checkbox"/> I can use a ratio or rate to solve a math problem. 6.5B				
	<input type="checkbox"/> I can compare two ratios or rates. 6.5B				
	<input type="checkbox"/> I can represent ratios as a proportion, unit rate, table, and graph. 6.5B.1				
	<input type="checkbox"/> I can use a proportion to convert measurements. 6.5B.2				

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	<input type="checkbox"/> I can ask questions to figure out if something is true or false.* 6.2F				

Geometry and Measurement

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Learning Process Standards (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. 6.2A				
Using Problem-Solving Models	<input type="checkbox"/> I can use a problem-solving model to solve a problem. 6.2B				
	<input type="checkbox"/> I like when I can solve difficult problems.* 6.2C				

Content		Notes	Check Up		
Conversions	<input type="checkbox"/> I can use a proportion to convert measurements. 6.6A				
Triangles	<input type="checkbox"/> I can find the measure of one angle in a triangle if I know the measures of the other two angles. 6.6B				
	<input type="checkbox"/> I can explain that if two sides of a triangle are congruent, then two angles must be congruent. 6.6B				
	<input type="checkbox"/> I can explain why side lengths of 3, 4, and 5 <u>can</u> form a triangle, but side lengths of 3, 4, and 8 will <u>not</u> . 6.6B				
Area and Volume	<input type="checkbox"/> I can represent and solve problems about the area of rectangles, parallelograms, trapezoids, and triangles. 6.6C				
	<input type="checkbox"/> I can represent and solve problems about the volume of a rectangular prism. 6.6C				
	<input type="checkbox"/> I can break apart parallelograms and trapezoids into rectangles and triangles to calculate the area. 6.6C.1				
	<input type="checkbox"/> I can write equations that represent area and volume. 6.6C.2				

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Data Analysis

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Learning Process Standards (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. 6.2A				
Using Problem-Solving Models	<input type="checkbox"/> I can use a problem-solving model to solve a problem. 6.2B				
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Content		Notes	Check Up		
Interpreting Data	<input type="checkbox"/> I can represent and explain data on a dot plot. 6.7A, 6.7A.1				
	<input type="checkbox"/> I can represent and explain data on a stem-and-leaf plot. 6.7A, 6.7A.1				
	<input type="checkbox"/> I can represent and explain data on a histogram. 6.7A, 6.7A.1				
	<input type="checkbox"/> I can represent and explain data on box plot. 6.7A, 6.7A.1				
Measures of Data	<input type="checkbox"/> I can analyze and interpret a set of data. 6.7B				
	<input type="checkbox"/> I can take a list of numbers/data and determine the mean, median, range, and interquartile range. 6.7B.1				
	<input type="checkbox"/> I can take a set of data and describe how many values are in specific categories, both by counting the frequencies and by computing the percentages. 6.7B.2				
	<input type="checkbox"/> I can look at a graph of data and describe the center (median) and the spread (range) of the data. 6.7B.3				

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Expressions, Equations, and Inequalities

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Learning Process Standards (Tools to Know)		Notes	Check Up		
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Content		Notes	Check Up		
Order of Operations	<input type="checkbox"/> I can simplify an expression using order of operations. 6.8A				
	<input type="checkbox"/> I can write an equivalent expression for an expression that is given to me. 6.8A.1				
	<input type="checkbox"/> I can tell if two expressions are equivalent. 6.8A.2				
Solving Problems with Equations/Inequalities	<input type="checkbox"/> I can solve one-step equations. 6.8B				
	<input type="checkbox"/> I can solve one-step inequalities. 6.8B				
	<input type="checkbox"/> I can write an equation for a real-world problem. 6.8B.1				
	<input type="checkbox"/> I can write an inequality for a real-world situation. 6.8B.1				
	<input type="checkbox"/> I can use a number line to represent solutions to an equation or inequality. 6.8B.2				

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Algebraic Representations

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Content		Notes	Check Up		
Linear Representations	<input type="checkbox"/> I can represent the pattern of a real-world problem in a table, graph, equation, and verbal description. 6.8C				
	<input type="checkbox"/> I can explain the difference between additive and multiplicative patterns. 6.8C.1				
	<input type="checkbox"/> I can explain which quantity is independent and which one is dependent when I am looking at a table or graph. 6.8C.2				
	<input type="checkbox"/> When given a table, I can write an equation. 6.8C.3				
	<input type="checkbox"/> I can graph ordered pairs that include fractions and decimals on a coordinate plane. 6.8C.4				

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