

	Monday	Tuesday	Wednesday	Thursday
Unit/ Lesson Big Ideas	Unit 1: Number Relating rational numbers to decimals, fractions, and integers, evaluating expressions involving rational numbers	Unit 1: Number Relating rational numbers to decimals, fractions, and integers, evaluating expressions involving rational numbers	Unit 1: Number Relating rational numbers to decimals, fractions, and integers, evaluating expressions involving rational numbers.	Unit 1: Number <small>Relating rational numbers to decimals, fractions, and integers, evaluating expressions involving rational numbers</small> Relating rational numbers to decimals, fractions, and integers, evaluating expressions involving rational numbers
Overall Expectations	B3. Number Sense and Operations. Apply an understanding of rational numbers, ratios, rates, percentages, and proportions , in various mathematical contexts, and to solve problems	B3. Number Sense and Operations. Apply an understanding of rational numbers, ratios, rates, percentages, and proportions , in various mathematical contexts, and to solve problem	B3. Number Sense and Operations. Apply an understanding of rational numbers, ratios, rates, percentages, and proportions , in various mathematical contexts, and to solve problems	B3. Number Sense and Operations. Apply an understanding of rational numbers, ratios, rates, percentages, and proportions , in various mathematical contexts, and to solve problems
Specific Expectations	B3.1 apply an understanding of integers to describe location, direction, amount, and changes in any of these, in various contexts	B3.3 apply an understanding of integers to explain the effects that positive and negative signs have on the values of ratios, rates, fractions, and decimals, in various contexts	B3.4 solve problems involving operations with positive and negative fractions and mixed numbers , including problems involving formulas, measurements, and linear relations, using technology when appropriate	B3.5 pose and solve problems involving rates, percentages, and proportions in various contexts, including contexts connected to real-life applications of data, measurement, geometry, linear relations, and financial literacy.
Learning Goals	Ratio, Rates and proportions	Ratio, Rates and proportions	Ratio, Rates and proportions	Percent
Success Criteria				
Instructional Strategies	Lecture on ratios and explain to students that ratios can be written in three ways . Examples will be given and related problems will be analyzed and solved	lecture on rates and explain how quantities that are different can be compared. Examples will be given and related problems will be analyzed and solved. r.	lecture on proportions and explain how to solve problems related to proportions. Examples will be given and related problems will be analyzed and solved.	.lecture on percent and explain how to solve problems related to real life contexts. Examples will be given and related problems will be analyzed and solved.
Assessment & Evaluation	Class work [AFL]	Class work [AFL]	Class work [AFL]	Class work [AFL]
Homework / Class Work	Handout.	Handout .	Handout .	Handout .

Materials & Resources	Nelson Principles of Mathematics 9	Nelson Principles of Mathematics 9	Nelson Principles of Mathematics 9	Nelson Principles of Mathematics 9
--------------------------	------------------------------------	------------------------------------	------------------------------------	------------------------------------