

MATHEMATICS 9 OUTLINE

Text: Math Makes Sense 9 (Pearson)

Unit 2: POWERS AND EXPONENT LAWS

- a) Powers of Ten and Zero Exponents
- b) Order of Operations

Unit 3: RATIONAL NUMBERS

- a) Adding, Subtracting, Multiplying and Dividing Rational Numbers
- b) Order of Operations

Unit 5: POLYNOMIALS (I)

- a) Adding and Subtracting Polynomials
- b) Multiplying and Dividing Polynomials by Monomials

Unit 6: LINEAR EQUATIONS AND INEQUALITIES

- a) Solving Equations
- b) Solving Inequalities

Unit 4: LINEAR RELATIONS

- a) Patterns
- b) Graphing

Unit 7: SIMILARITY AND TRANSFORMATIONS

- a) Scale Diagrams
- b) Similar Polygons and Triangles
- c) Symmetry

Unit 9: PROBABILITY AND STATISTICS

- a) Collecting Data
- b) Samples

Supplement: FINANCES

- a) Banking and Simple Interest
- b) Creating a Budget

Supplement: POLYNOMIALS (II)

- a) Multiplying Binomials
- b) Factoring Trinomials