PR_ General University Mathematics: Grade 12

3.2 Multiplication of Polynomials

- 3.2.1 Product of monomial & polynomial
- 3.2.2 Product of Two Polynomials
- 3.2.3 FOIL Method

3.3 The Quotient of Two Polynomials

- 3.3.1 Dividing a Polynomial by a Monomial
- 3.3.2 Quotient of Two Polynomials

3.4 Factors GCF

- 3.4.1 Greatest Common Factor
- 3.4.2 Factoring out the G.C.F
- 3.4.3 Factor by grouping

3.5 Factoring Trinomials

- 3.5.1 Factoring Trinomial of the Type x^2 + bx + c
- 3.5.2 Factoring Trinomial ax^2+bx+c, a<>0 and a<>1

3.6 Special Factorization

- 3.6.1 Difference of Two Squares
- 3.6.2 Perfect Square Trinomials

4. Linear Equations/ Inequalities in One Variable

4.1 Solving Linear Equations in one variable

- 4.1.1 Identify Linear Equations
- 4.1.2 Verifying Solutions of Linear Equations
- 4.1.3 Solve One-Step Equations
- 4.1.4 Solving Equations of the Type ax + b =c
- 4.1.5 Use Distributive Property to Solve Equations
- 4.1.6 Solve General Linear Equations

4.2 Solutions of Linear Inequalities

- 4.2.1 Addition Property of Inequality
- 4.2.2 Multiplication Property of Inequality
- 4.2.3 Solving Linear Inequalities
- 4.2.4 Three Part Inequalities
- 4.2.5 Translating Statements of Inequality

4.3 Distance Formula

4.4 Section Formula