

# Unit 5 Math Liberal Arts Project – Rubric

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Total Points: 100

Criteria	Excellent	Proficient	Developing	Needs Improvement
Completion of All Questions (20 points)	20 pts: All 10 questions and subparts (1–10, including a–e) are fully answered.	15 pts: 1–2 parts are incomplete or missing.	10 pts: 3–4 parts are incomplete or missing.	5 pts: More than 4 parts are incomplete.
Accuracy of Answers (30 points)	30 pts: All answers are correct and demonstrate a thorough understanding of algebraic concepts.	25 pts: Most answers are correct with only minor mistakes.	15 pts: Several incorrect answers showing partial understanding.	5 pts: Many incorrect answers or major errors.
Calculations and Work Shown (20 points)	20 pts: All steps, operations, and justifications are clearly shown and accurate.	15 pts: Most calculations are shown but contain minor errors or missing steps.	10 pts: Some problems lack clear steps or contain incorrect calculations.	5 pts: Minimal attempt at showing work; steps are unclear or incomplete.
Application of Algebraic Concepts (20 points)	20 pts: Algebraic concepts (e.g., inequalities, quadratic solutions, graphing, linear programming) are applied correctly and thoroughly.	15 pts: Most concepts are correctly applied, with few minor mistakes.	10 pts: Partial understanding of algebraic concepts with multiple errors.	5 pts: Most concepts are applied incorrectly.
Presentation and Formatting (10 points)	10 pts: Work is neat, logically organized, and submitted as instructed (Word or PDF).	8 pts: Minor formatting or organizational issues.	5 pts: Several formatting issues but still readable.	2 pts: Work is poorly organized or hard to follow.

