

## 2019-20 Academic Pentathlon Mathematics Resource Guide Outline

Section I. Algebra.....49%

- A. Expressions
- B. Equations
- C. Linear Equations
- D. Inequalities
- E. Polynomials and Factoring
- F. Quadratic Functions and Equations

Section II. Introduction to Trigonometry.....51%

- A. Angles
- B. Triangles
- C. Right Triangles
- D. Right Triangle Trigonometry