

GREATER BOSTON MATHEMATICS LEAGUE
CATEGORIES FOR MEETS

NO calculators are allowed in any rounds.

Individual rounds are ten minutes.

The Team round is twelve minutes.

Note: Statistical concepts and Matrix format can appear in any round.

Meet 1 – October (scrimmage 10/29/2020)

- 1) **Arithmetic: Open**
- 2) **Algebra 1: Problem Solving (Word Problems)**
- 3) **Algebra 1: Exponents and Radicals / Equations involving them**
- 4) **Algebra 2: Factoring / Equations involving factoring**
- 5) **Trigonometry: Angular and Linear Velocity / Right Triangle Trigonometry**
- 6) **Team Round**

Meet 2 – November (11/12-13/2020)

- 1) **Arithmetic: Open**
- 2) **Simultaneous Linear Equations and Word Problems, Matrices**
- 3) **Geometry: Angles and Triangles**
- 4) **Algebra 2: Quadratic Equations / problems involving them / Theory of Quadratics**
- 5) **Trig Equations**
- 6) **Team Round**

Meet 3 – December (12/9-10/2020)

- 1) **Algebra 1: Fractions and Word Problems**
- 2) **Coordinate Geometry of the Straight Line**
- 3) **Geometry: Polygons – Area and Perimeter**
- 4) **Algebra 2: Logs, Exponents, Radicals and equations involving them**
- 5) **Trig analysis and Complex Numbers in trig form**
- 6) **Team Round**

Meet 4 – January (1/13-14/2021)

- 1) **Volume and Surface Area of Solids**
- 2) **Inequalities and Absolute Value**
- 3) **Similar Polygons, Circles and Area**
- 4) **Sequences and Complex Numbers**
- 5) **Conics**
- 6) **Team Round**

Meet 5 – March (2/10-11/2020)

- 1) **Arithmetic: Open**
- 2) **Algebra 1: Open**
- 3) **Geometry: Open**
- 4) **Algebra 2: Open**
- 5) **Pre-Calculus: Open**
- 6) **Team Round**