



Curriculum for Competition Math Spring Semester:

All topics are subject to change, but this is the general overview of what we will be learning over this 8-week semester. For more course information, visit the Competition Math video on <https://www.verntutoringclassroom.org/course-details>. Please email verntutoringclassroom@gmail.com for any additional questions.

Week 1: Triangles Review

- Parts of a Triangle
- The Triangle Inequality
- Pythagorean Theorem

Week 2: Problems Day!

- Misc.
- Discussion

Week 3: Triangles Continued...

- Congruent Triangles
- Similar Triangles

Week 4: Problems Day!

- Misc.
- Discussion

Week 5: Quadrilaterals

- Fundamentals
- Trapezoids, Parallelograms, Rhombi
- Rectangles and Squares

Week 6: Problems Day!

- Misc.
- Discussion

Week 7: Area

- Similar Figures
- Same Base/Same Altitude
- Complicated Figures

Week 8: Angle Chasing

- Practice Problems Applying Knowledge Learned Over the Semester