

AMC 8 Preparation

Taught by AIME Qualifiers

Andrew Zhou and Anish Bayyapu

Schedule	
6/28 (Monday) <ul style="list-style-type: none">● Geometry<ul style="list-style-type: none">○ Angles○ Triangles○ Quadrilaterals○ Circles○ Co-ordinates○ 3D Geometry	7/5 (Monday) <ul style="list-style-type: none">● Number theory<ul style="list-style-type: none">○ Modular arithmetic○ Bases○ Divisibility○ Linear Congruences
6/30 (Wednesday) <ul style="list-style-type: none">● Algebra<ul style="list-style-type: none">○ Vieta's Theorem○ Factorization, Simon's favorite factoring trick○ Inequalities○ Sequences and series○ Basic polynomial algebra	7/7 (Wednesday) <ul style="list-style-type: none">● Practice test● Review of practice test problems<ul style="list-style-type: none">○ Andrew will solve problems and give detailed walkthroughs
7/2 (Friday) <ul style="list-style-type: none">● Counting and probability<ul style="list-style-type: none">○ Counting techniques○ Combinations○ Probability techniques○ Independent and dependent probability○ Binomial theorem	7/9 (Friday) <ul style="list-style-type: none">● Practice test● Review of practice test problems<ul style="list-style-type: none">○ Anish will solve problems and give detailed walkthroughs

Schedule

Hours and Dates: 3:00-4:30 pm PST 6/28, 6/30, 7/2, 7/5, 7/7, 7/9 (Monday, Wednesday, Friday for 2 weeks)

Each class will be 90 minutes with conceptual teaching and practice problems for each topic. **Andrew** will be teaching **Geometry** and **Counting and probability** while **Anish** will be teaching **Algebra** and **Number theory**.

Tuition

The cost for the entire workshop series is **\$135** which includes 9 hours of live teaching.

Proceeds will be donated to the Valley Medical Center Foundation as part of our continuing effort to support the fight against COVID-19 pandemic.

Registration

<https://www.stemboost.org/2021-summer-workshops.html>