

Online Resources for Olympiad Training

1. Online books by topic

[Number Theory](#) by Justin Stevens

[Number Theory](#) by David Santos

[Geometry Revisited](#) by H. S. M. Coxeter and S. L. Greitzer

[Geometry Unbound](#) by Kiran Kedlaya

[Combinatorics](#) by Pranav A. Sriram

2. Collections of notes on various topics.

My [Euclidean geometry](#) class website.

[IMO math](#), from the authors of the IMO Compendium.

Notes from USA maths Olympiad training (only some of these come with explanations and examples, but those that do are quite good).

[Yufei Zhao](#)

[Po-Shen Loh](#)

[Evan Chen](#)

3. International Contest Collections of problems:

[Art of Problem Solving](#) extensive collection of international contest problems with solutions proposed and discussed by community members.

[IMO Compendium](#) contains IMO problems and solutions from the very beginnings in 1959.

Last but not least, the [official IMO website](#) with contest and shortlisted problems