



Cornell University

K-12 Education and Outreach, Mathematics Department

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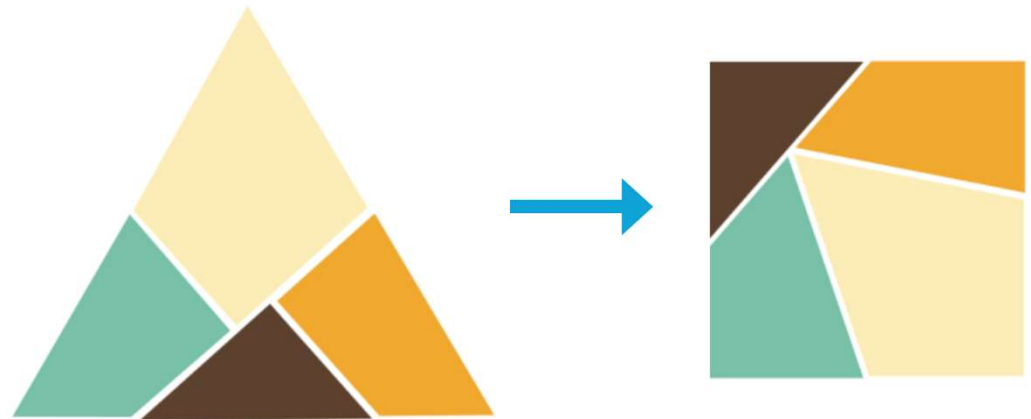
## Math Explorer's Club

[https://math.cornell.edu/k12-enrichment#math-explorer's-club-\(grades-8-12\)](https://math.cornell.edu/k12-enrichment#math-explorer's-club-(grades-8-12))

(for students in grades 8-12)

### Topic: Scissors Congruence

Given two polygons, when can you cut one up, rearrange the pieces, and get the other one? This is the question of scissors congruence and mathematicians have studied this (and its higher dimensional analogue) for over 100 years! Come learn about the mathematics of cutting and pasting polygons and get a glimpse of the world of pure math.



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Saturdays, **December 4 & 11, 2021**, 10am – 12pm

\*registration is required, deadline November 30: [https://cornell.ca1.qualtrics.com/jfe/form/SV\\_9SJYWvigOmxVRhs](https://cornell.ca1.qualtrics.com/jfe/form/SV_9SJYWvigOmxVRhs)\*

\*no cost to participants\*

\*visitors outside of the Cornell community are required to show proof of vaccination or a recent negative COVID test to come to on-campus events\*