Talk Math 2 Me

Investigating the Human Knot

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Abstract

A human knot is a common icebreaker game or team building activity for people to learn to work together in physical proximity. It is a puzzle in which a group of people in a circle hold hands with a person across from them, and the goal is to entangle the limbs to get the group into a circle, without letting go of grasped hands. Instead, group members should step over or under arms to try to untangle the knot. Through the investigation of The Human Knot, several introductory graph theory topics will be discovered and discussed.