

Western Illinois University

Math Club

Wednesday, April 11
Morgan 206
5:30 p.m.

Some Rich Geometric Diagrams and Connecting the Mathematics Beneath

Dr. Jim Olsen, Professor, and Audrey Fletcher, Mathematics Education Student

Prof. Olsen and Ms. Audrey will look at some geometry problems (and associated *GeoGebra* diagrams) which are mathematically beautiful in their own right, but which also help enhance our geometric reasoning *and* our algebraic, proportional, and numeric reasoning. Manifestations of the geometric mean and the harmonic mean are common in these diagrams. They will discuss problem-solving and proof-writing strategies.

All are warmly welcome to join this meeting.

Pizza and drinks will be available. If you have any questions or ideas for future meetings, please email Shaikh at s-obaidullah@wiu.edu.