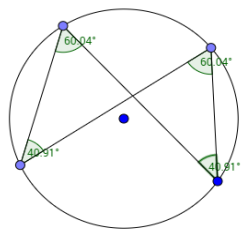


Goals



By the end of this unit, students:

- understand the concepts and techniques in combinatorics, geometry and vectors
- apply reasoning skills and solve problems in combinatorics, geometry and vectors
- communicate their arguments and strategies when solving problems
- construct proofs in a variety of contexts including algebraic and geometric
- interpret mathematical information and ascertain the reasonableness of their solutions to problems.

This week's focus:

Intersecting Chords

In-Class Task

Theoretical Components

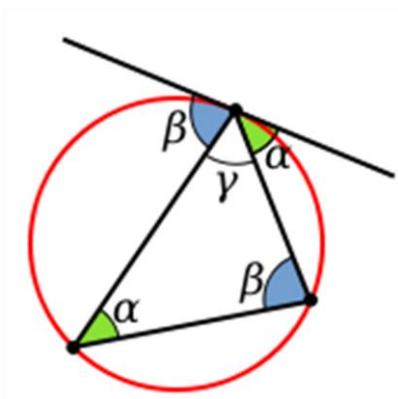
Read notes and study examples:

- Mathspace: <https://bit.ly/3evfPwp>
- Mathsisfun: <https://goo.gl/boLQuo>
- AMSI: <http://goo.gl/DXqhPg>

Interesting reading on Shapes in Chinese Culture:

<http://goo.gl/JlkK3R>

Video Tutorial: <https://goo.gl/iwZvBo>



Practical Components

Attempt all the questions:

ABOUT/RESOURCES/2021 S1/ WK07/

Investigation

No Investigation this week.

Prepare well for the In-Class.



- Methods of Proof
- Validity of Arguments using truth tables