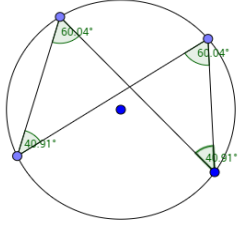


## Goals



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

## Theoretical Components

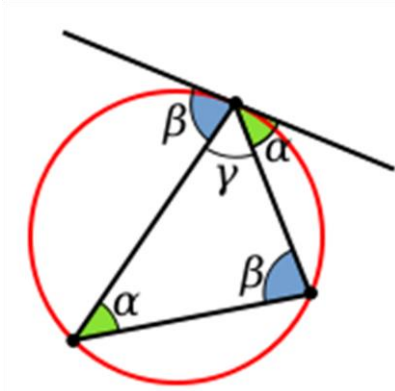
STEP 1:

Intersecting Chords:

<https://www.mathsisfun.com/geometry/circle-intersect-chords.html>

<https://www.geogebra.org/m/Cxy3R3Xg>

<https://www.geogebra.org/m/wExYhT8q>



## Practical Components

STEP 2:

Attempt all the questions!

For MC questions, state a reason to justify your choice.

## Investigation

None this week!

Prepare well for the Problem-Solving Task.

