

Inscribed Angles and Polygons



Benchmark:

9.3.3.8: Know and apply properties of a circle to solve problems and logically justify results.

Essential Question: Can I explore geometric theorems using paper folding?

Learning Targets:

- I can use and recognize the basic characteristics of a circle.
- I can calculate arc measures of a circle when given measure of a central angle.
- I can apply the properties of chords to make conclusions about relationships within a circle.
- I can calculate arc measures of a circle, given the measure of an angle with a vertex on or inside the circle.

Warm-up:

Click on the link below to practice understandings of circle equations and graphs.

Signing in is required. If you are a student in a Google district, it is recommended that you use your Google login credentials.

[Review of Inscribed Angles](#)

After you finish with the link above, solve for x in each of the diagrams.

