

Circles Unit: Pre-Assessment Quiz

Describe how to do a mathematical proof:

Prove the following fact: *Alternate exterior angles of the transversal of parallel lines are congruent.*

What is the difference between a postulate and a theorem?

Define these words:

- Congruent
- Similar

Draw a coordinate plane and briefly describe it:

Define these words:

- Radius
- Circumference
- Diameter
- Chord
- Tangent (to a circle)
- Inscribed angle

What is the relationship between an inscribed angle in a circle and the opposite arc?

What's the formula for the area of a circle?

What's the formula for the area of a sector of a circle?