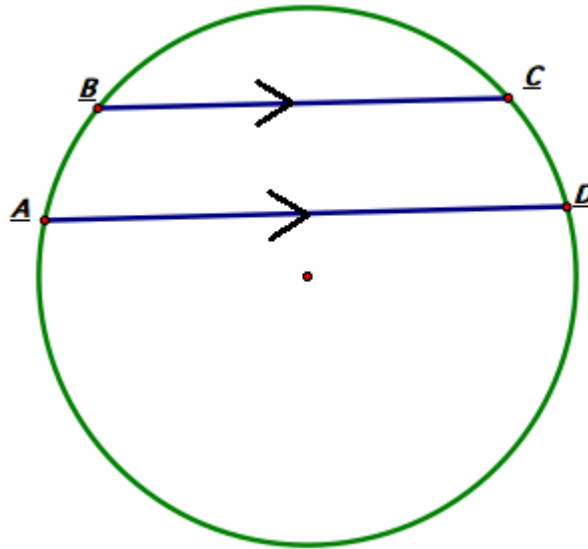


The background features several large, stylized, overlapping swirls in shades of purple, green, and light blue. Interspersed among these swirls are numerous small, yellow, starburst-like shapes, some pointing towards the center and others pointing outwards. The overall aesthetic is bright and celebratory.

Chord Theorems

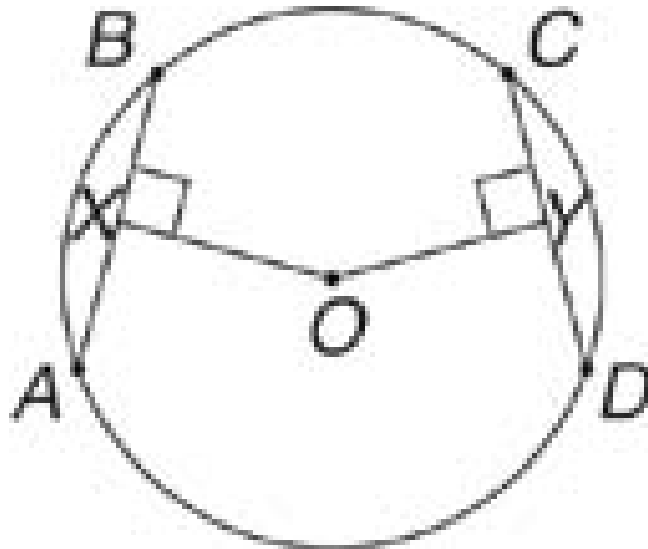
Chord Theorems

- **Theorem 1**: If two chords are **parallel**, then they **intercept** congruent arcs.
 - **Parallel** means _____
 - **Intercept** means _____



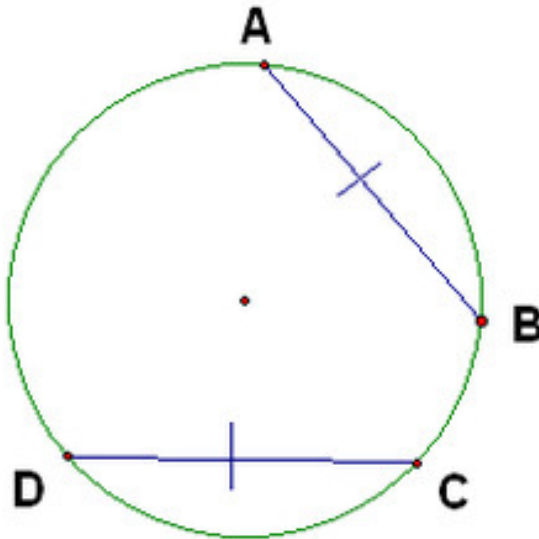
Chord Theorems

- **Theorem 2:** If two chords are **equidistant** from the center of a circle, then the two chords are congruent.
 - **Equidistant** means _____



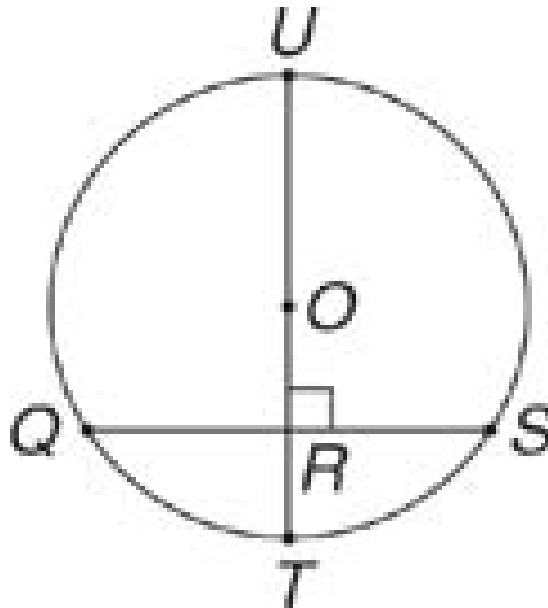
Chord Theorems

- **Theorem 3**: If two chords are congruent, then the two arcs made by the chords are congruent.



Chord Theorems

- **Theorem 4:** If a diameter is **perpendicular** to a chord, then it **bisects** the chord and its arcs.
 - **Perpendicular** means _____
 - **Bisect** means _____





Practice Time!