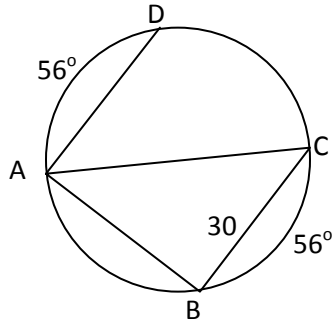


Name _____

Date _____

Circles: Inscribed Angles, Arcs and Chords - Step-by-Step Lesson

a. What is the length of \overline{AD}



Explanation:

Two chords in a circle are congruent if their corresponding arcs are congruent.

AD and BC are chords in a circle, and their corresponding arcs are congruent. So,

AD is congruent to BC.

$$AD = BC = 30.$$

