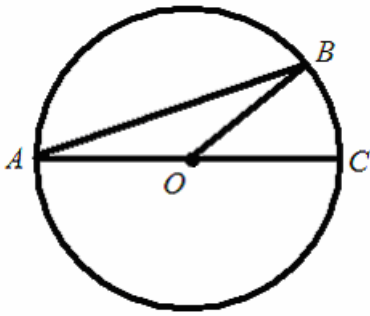


Name \_\_\_\_\_

Date \_\_\_\_\_

## The Longest Chord



Which line is longer,  $\overline{AB}$  or  $\overline{AC}$ ?

How do you know?

Could I move point  $B$  anywhere else on the circle to make  $\overline{AB}$  as long as  $\overline{AC}$ ?

To make  $\overline{AB}$  longer than  $\overline{AC}$ ?

How do you know?