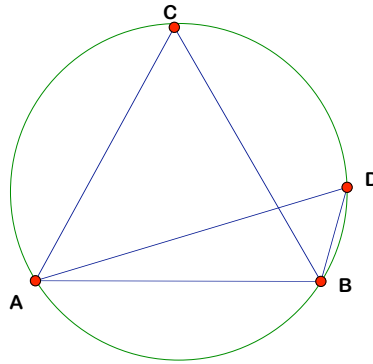


Homework 5+6

Exercise 1.28 (from the book). Suppose $\angle ABC$ is a right angle inscribed in a circle. Prove that AC is a diameter.



Exercise 1.30 (from the book). If $|AB|=|BC|=|CA|$, then what is the angle at D? See the picture to the right.

Exercise 1.30 (from the book). If $|AB|=|BC|=|CA|$ and AD is perpendicular to BC , then what is $\angle BCD$? See the picture below.

