## Problem of the Week <br> Grade 9 and 10

## What's Your Angle Anyway II?



In $\triangle A B D, C$ is on $A B$ such that $C A=C B=C D$ and $\angle B C D=z^{\circ}$.
Determine the measure of $\angle A D B$.

If you need a hint, consider solving this week's Grade 7 and 8 Problem of the Week "What's Your Angle Anyway I?".

If you want an extension to this problem, consider solving this week's Grade 11 and 12 Problem of the Week "What's Your Angle Anyway III?".

