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Correction to `exam2f21key1.pdf`

The answer to **1**(d) and the supporting discussion would have been correct if the angle were either $\angle CAB$ or $\angle CBA$, but the problem actually states that the angle is $\angle ACB$. For this choice the correct answer is **True**, and the reasoning is as follows: The conditions $X \in [AB$ and $|AX| < |AB|$ imply that $A * X * B$ is trhe. But this implies that A and X are on the same side of BC, and furthermore B and X lie on the same side of AC.∎