

LESSON **Geometry Lab Recording Sheet** p. 117
2-6 *Design Plans for Proofs*

Try This

Activity

- Reorder the pieces in Steps 1–5 to write a two-column proof of the Common Angles Theorem.

Try This

- Describe how a plan for a proof differs from the actual proof.

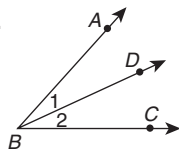
LESSON **Geometry Lab Recording Sheet** p. 117

2-6 **Design Plans for Proofs** continued

2. Write a plan and a two-column proof.

Given: \overrightarrow{BD} bisects $\angle ABC$.

Prove: $2m\angle 1 = m\angle ABC$



3. Write a plan and a two-column proof.

Given: $\angle LXN$ is a right angle.

Prove: $\angle 1$ and $\angle 2$ are complementary.

