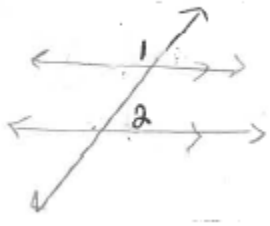

Show that ∠1 and ∠2 are supplementary. Justify each step.