

(Visit Proof Prompt D)

Congruent Supplements Theorem

If 2 angles are supplements of congruent angles (or the same angle), then those angles are congruent.

Given: $\angle 1$ & $\angle 2$ are supplementary
 $\angle 3$ & $\angle 4$ are supplementary
 $\angle 2 \cong \angle 4$

Prove: $\angle 1 \cong \angle 3$