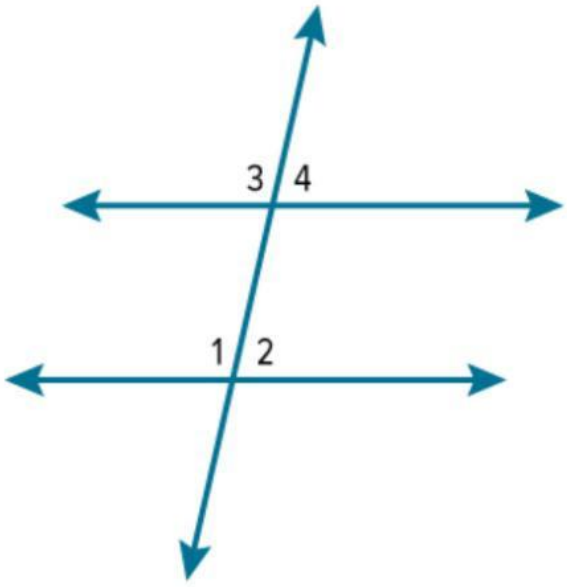
PROOF Complete the two-column proof by dragging the statements and reasons.

Given: $\angle 1 \cong \angle 3$
Prove: $\angle 2 \cong \angle 4$



Proof:

Statements	Reasons
1. $\angle 1$ and $\angle 2$ form a linear pair. $\angle 3$ and $\angle 4$ form a linear pair.	**1.** (Empty)
2. (Empty)	**2.** Supplement Thm.
3. $\angle 1 \cong \angle 3$	**3.** (Empty)
4. (Empty)	**4.** (Empty)

≅ Supp. Thm

∠1 and ∠2 are supp.
∠3 and ∠4 are supp.

$\angle 2 \cong \angle 4$

Def. of linear pair

Given