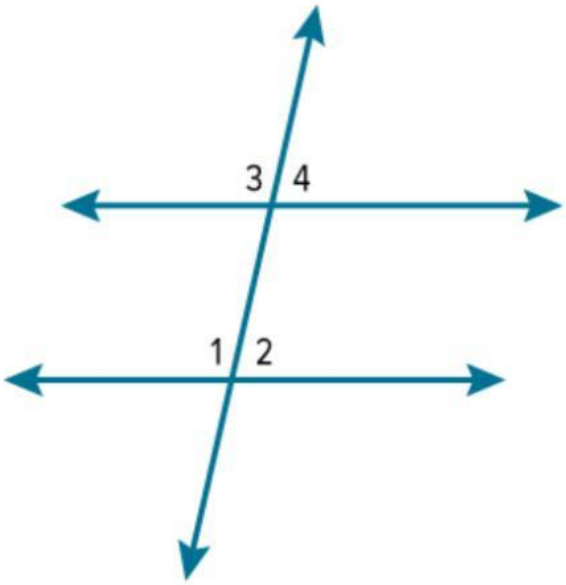
**PROOF** Complete the two-column proof by dragging the statements and reasons.

**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) |

- $\cong$ Supp. Thm
- $\angle 1$ and $\angle 2$ are supp. $\angle 3$ and $\angle 4$ are supp.
- $\angle 2 \cong \angle 4$
- Def. of linear pair
- Given

LIVEWORKSHEETS