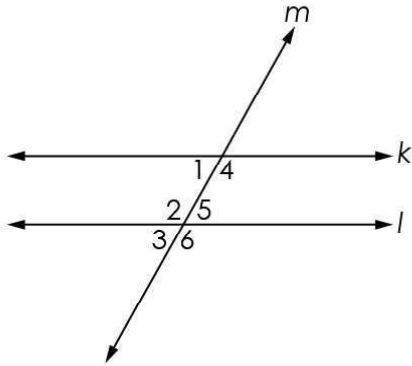


Sample Response: 1 point

A diagram is shown, where $k \parallel l$ and m is a transversal.



Move statements and reasons to the table to prove that $\angle 1 \cong \angle 5$.

Statements	Reasons
1. $k \parallel l$	1. Given
2. $\angle 1 \cong \angle 3$	2. Corresponding angles are congruent.
3. $\angle 3 \cong \angle 5$	3. Vertical angles are congruent.
4. $\angle 1 \cong \angle 5$	4. Transitive property

$\angle 1 \cong \angle 2$ $\angle 1 \cong \angle 3$ $\angle 1 \cong \angle 4$ $\angle 2 \cong \angle 3$

$\angle 2 \cong \angle 4$ $\angle 2 \cong \angle 5$ $\angle 2 \cong \angle 6$ $\angle 3 \cong \angle 4$

$\angle 3 \cong \angle 5$ $\angle 4 \cong \angle 5$ $\angle 4 \cong \angle 6$

Transitive property Symmetric property

Vertical angles are congruent.

Straight angles form a linear pair.

Corresponding angles are congruent.

Alternate exterior angles are congruent.