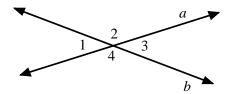
Common Core Geometry Proof - Lines and Angles_1 Vertical Angles

Theorem: If two lines intersect, then the vertical angles formed are congruent.

Given: Lines *a* and *b* intersect **Diagram**:

Prove: $\angle 2 \cong \angle 4$



Statements	Reasons