Common Core Geometry Proof – Triangles_1
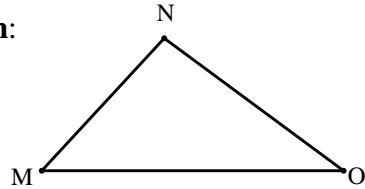
Measures of Interior Angles of a Triangle

Theorem: If a figure is a triangle, then the measures of the interior angles sum to 180°.

Given: △MNO

Diagram:

Prove: m∠NMO + m∠MNO + m∠NOM = 180°

Statements	Reasons