Test Mixed Numbering with Built-in Types

1 First Section

This document tests continuous numbering across BOTH custom environments AND Quarto's built-in types.

Theorem 1.1 (Built-in Theorem). *This is Quarto's built-in theorem. Should be 1.1.*

Problem 1.2. Custom Problem environment. Should be 1.2 (continuing from theorem).

Definition 1.3. Built-in Definition. Should be 1.3 (continuing the sequence).

Claim 1.4 (Important Claim). Custom Claim environment. Should be 1.4 (still continuing).

Lemma 1.5. *Built-in Lemma. Should be 1.5.*

The goal is: Theorem 1.1, Problem 1.2, Definition 1.3, Claim 1.4, Lemma 1.5 - all sharing the same counter!