

Test Page

hello world

Definition 1. (first try) This is my first definition. Here I am defining some text using my definition environment.

$$\begin{aligned}d(x, y) &= |x - y| \\ &\leq |x - z| + |z - y| \\ &= d(x, z) + d(z, y)\end{aligned}$$

Theorem 1. (very useful theorem) First theorem from definition.

Proof. here is the proof

Lemma 1. here is a lemma

Postulate 1. post

Example. exercise 1