

Name: \_\_\_\_\_

Lesson 2.10  
Deep Dive: Proof Expertise, Part One

Geometry GT

**Task #1**

Prove that opposite angles in an equilateral quadrilateral are congruent.

**Task #2**

Prove that if one diagonal of a quadrilateral is the perpendicular bisector of the other diagonal, then two pairs of adjacent sides are congruent.