

<name>

Class: Honors Geometry

Date: <date>

Topic: Lesson 6-3 (Proving a Quadrilateral is a Parallelogram)

Theorem 6-5 Converse of Theorem 6-3

If the diags of a quad. bisect each other, the quad is a parallelogram

Theorem 6-6 If 1 pair opp.sides of a quad is both  $\cong$  &  $\parallel$ , the quad is a parallelogram.

Theorem 6-7 Converse of Theorem 6-1

If both pairs opp. sides of a quad are  $\cong$ , the quad is a parallelogram.

Theorem 6-8 Converse of Theorem 6-2

If both pairs opp.  $\angle$ 's of a quad are  $\cong$ , the quad is a parallelogram