

FM Geometry

Name: _____

Chapter 3 Review

Date: _____ Pd: _____

If a transversal is perpendicular to one of two parallel lines, then _____.

Through a point outside a line, there is _____ parallel _____.

Through a point outside a line, there is _____ perpendicular _____.

Two coplanar lines perpendicular to the same line are _____.

Two lines parallel to a third line are _____.

Name all of the ways to prove two lines are *parallel*.

1.

5.

2.

6.

3.

7.

4.

The sum of the measures of the angles of a triangle is _____.

The sum of the measures of the angles of a quadrilateral is _____.

If two angles of one triangle are congruent to two angles of another triangle, then

_____.

The measure of an exterior angle of a triangle equals the _____.

The acute angles of a right triangle are _____.

An interior and exterior angle of a polygon are _____.

Interior Angles Theorem: _____ Exterior Angles Theorem: _____

1 interior angle of a regular polygon = _____

1 exterior angle of a regular polygon = _____