Geometry 22 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Midterm **STUDY GUIDE** Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*\*Use this study guide to define key terms, list properties, postulates or theorems, write down hints, or draw figures. Anything to help you study!!!* ***ALSO, LOOK BACK AT NOTES, HOMEWORKS, WORKSHEETS, REVIEW PACKETS, QUIZZES, QUESTS, MINI TESTS, AND TESTS!!!***

Coplanar vs. collinear:

Intersection of 2 points: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Intersection of 2 planes: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Linear pair:

Vertical angles:

Complementary vs. supplementary:

Perpendicular bisector: Angle bisector:

Segment bisector: Midpoint:

Acute angle: Right angle: Obtuse angle: Straight angle:

Transformations: Rigid Motion: Pre-image: Image:

Translations: Rotations:

Reflections: Dilations:

Conditional statements: Converse:

Inverse: Contrapositive:

Counterexample: Biconditional:

Parallel vs. skew:

Properties of parallel lines >> Special Angle Pairs:

Corresponding Angles:

"It's all in the name":

Postulates to Prove Triangle Congruency:

SSS:

CPCTC:

Isosceles Triangle:

Exterior Angle in a Triangle Theorem:

Midsegment of a Triangle:

Median and altitude:

Concurrent point:

PAMA CICO:

Circumscribed vs. inscribed:

Triangle Inequality Theorem:

Polygon formulas (Interior, Exterior; Sum, One):

Polygon names & number of sides:

Equilateral vs. equiangular vs. regular:

Properties of Parallelograms:

> >

> >

>

Rectangles: Rhombuses:

Squares: Trapezoids:

Midsegment of a Trapezoid: Kites: