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:

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 > >

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 Rectangles: Rhombuses:

 Squares: Trapezoids:

Midsegment of a Trapezoid: Kites: