

Geometry Semester 1 Study Guide

This guide lists all of the possible types of questions that may appear of the Geometry Sem. 1 examination. This is a public file that anyone can access, use discretion when adding personal information. For course resources, see Mr. Germanis' website for Geometry:

<http://www.mrgermanis.com/mths/geometry/index.html>.

Email Mr. Germanis with any questions you have: rgerman@tacoma.k12.wa.us

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1. Angle Relationships (from Vocabulary Log)

1.1 Solve for an unknown angle

1.2 Describe the relationship between two angles

2. Parallel Lines and Transversals

2.1 Explain the relationship between the two angle relationships

3. Triangle Angle Relationships

3.1 Isosceles triangle properties

3.2 Triangle Angle Sum Theorem

3.3 Exterior Angle Theorem

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5. Constructing Geometric Shapes with Ruler and straightedge

5.1 Draw an equilateral triangle

5.2 Draw a perpendicular bisector

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6. Transformations (simple)

6.1 Rotations

6.1.1 Describe and determine the angle of rotation

6.2 Reflections

6.3 Translations

6.4 Prime notation

7. General Questions