

Please visit www.robinson-math.com for more!
Geometry 2nd semester Final - Things you should know!!

There will be 60 multiple choice questions, including Vocabulary and
6 Free Response Questions

You can use a calculator and 1 page of notes

Bring something to do if you finish early

Review packets are due on Monday, June 2nd

Be on time!!

Bring a pencil and eraser

Chapters 6 – 11 will be covered on the final, plus anything from 1st semester that is needed for 2nd semester (like Pythagorean Theorem and SOHCAHTOA), no probability

Congruency

Vocabulary: Congruent, Ratio

Proofs: Using SSS, SAS, AAS, ASA, HL to prove that two triangles are congruent

Converse – Conditional Statements

Quadrilaterals

Vocabulary:

Square, Rectangle, Trapezoid, Rhombus, Kite, Midpoints, Distance (Length)

Proofs:

The properties of quadrilaterals

Know how to:

Find the length of the diagonals, find the areas, find the angles,

Use coordinate geometry to classify the shape into which quadrilateral

Polygons

Vocabulary:

Interior Angles, Exterior Angles, Area of Polygons, Ratio of Similar Figures

Know how to:

Find the interior angle, exterior angle, number of sides, and area of polygons

Circle

Vocabulary:

Radius, Diameter, Circumference, Area, Arc Length, Area of Sector, Chord
Tangent, Secant, Inscribed Angle, Central Angle, Equation of a Circle

Proof:

Relationship between the parts of a circle

Know how to:

Find the area, radius, diameter, arc length, area of sector, angles

3-D Solids

Vocabulary:

Surface Area, Volume, Prism, Cylinder, Pyramid, Cone, Sphere

Know how to:

Find the surface area and volume of all 3-D solids and to use similarity ratio

Algebra Review

1st Semester Materials

- Trigonometry (Sine, Cosine, Tangent, Law of Sine, Law of Cosine, Inverse Trigonometry)
- Pythagorean Theorem
- Angle Relationships (including parallel lines)

STUDY HALL SESSION MONDAY, JUNE 2ND @ 3:00 PM!