**Review for Midterm**

**Chapter 1**

→ Converting using the Imperial system and the SI system

 Textbook: page 25

→Surface area of rectangular prisms, triangular prisms, cylinders, regular tetrahedrons, right pyramids

 and right cones

→Volume of rectangular prisms, triangular prisms, cylinders, regular tetrahedrons, right pyramids

 and right cones

→Surface area and volume of sphere and hemisphere

 Textbook: page 54

→Volume and Surface area of composite objects

 Textbook: Chapter Review and Practice Test pages 64-67

**Chapter 2**

→Tangent ratio and solving problems using this ratio

 Textbook: page 88

→Sine and cosine ratios and solving problems using these ratios

 Textbook: page 104

→Solving word problems using angle of inclination, angle of elevation and angle of depression

→Solving problems with more than one triangle

 Textbook : Chapter review and Practice test pages 124-127

 Note: Omit question 23 and any question where it mentions using a clinometers

**Chapter 3(Sections 3.1 and 3.2)**

→ Finding GCF, LCM

→ Drawing factor trees

→ Finding square root and cube root

 Textbook: page 149

**Chapter 4**

→Natural, Whole, Integers, Rational, Irrational, Real Numbers

 Textbook: page 206

→Use a calculator to evaluate roots and powers

→ Changing from entire radicals to mixed radicals (

→Changing from mixed radicals to entire radicals

 Textbook: page 221

→Fractional exponents and radicals

 (Change from a power to a radical and vice versa)

→Evaluating powers with and without a calculator

→negative exponents

 Textbook: page 236

 Textbook: Chapter Review pages 236 (#1 to #26)

***Make sure you review your assignments* ☺**