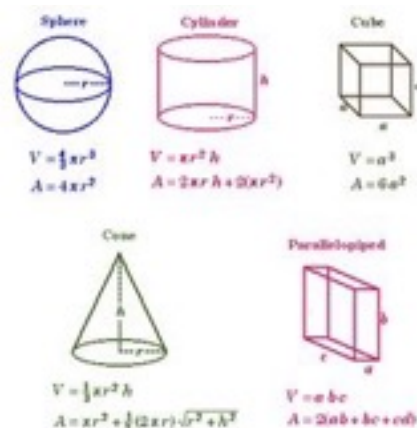


Name: \_\_\_\_\_ Cycle 3 Week 28

**Math IX Study Guide**  
**Volume and Surface Area of Solids**

**CAN I:**

- Recognize cylinder, cones, and spheres
- Identify cross sections of solids
- Find the volume and surface area of cylinders
- Solve real world problems involving cylinders
- Find the volume of pyramids and cones.
- Find the surface area of cones.



\_\_\_\_\_ 1. The following vocabulary terms will be discussed during your course of study this week **cylinder, cone, lateral surface, slant height, sphere, hemisphere, plane, cross section, volume, surface area**

**Week 28 (March 23 - March 27)**

\_\_\_\_\_ 2. **Monday Night Homework:** Math Book **8.5 Problems 1-5 Odd Pg. 167 AND Chapter 8 Review Problems 1-15 Odd Pg. 170-171**

\_\_\_\_\_ 3. **Tuesday Night Homework:** Take Home Test - Due Monday March 30th

\_\_\_\_\_ 4. **Wednesday Night Homework:** Math Homework **9.2 Problems 1-9 Odd Pg. 200 And 9.3 1-15 Odd Pg. 210-211**

\_\_\_\_\_ 5. **Thursday Night Homework:** Khan Academy **Simple Probability**

**Complete the following in class:**

\_\_\_\_\_ 1. Math Journal Entries

\_\_\_\_\_ 2. In Class Activities

**Please turn in all work on dates listed. Anything not turned in gets no credit.**

**If you ever need extra help on any concepts please come see me before school or during lunch on Mondays, Tuesdays, or Wednesdays. You are also welcome to come after school on Mondays.**