**VOCABULARY STUDY GUIDE FOR SURFACE AREA AND VOLUME**

1. **Face:** one of the flat surfaces of a solid.
2. **Bases:** two opposite, parallel and congruent face(s) of a rectangular prism or cylinder.
3. **Solid:** a 3 dimensional shape.
4. **Cylinder:** A 3 dimensional solid with two parallel, congruent, circles (bases) and a rectangular lateral surface area..
5. **Rectangular Prism:** A 3 dimensional solid with all 6 faces as rectangles.
6. **Area:** The measure (square units) of the interior region of **a** 2 dimensional figure; “cover.”
7. **Surface Area:** the sum of the areas of **all** faces of a 3 dimensional solid; uses square units; “cover.”
8. **Volume:** the measure (cubic units) of the amount a solid holds; “fill.”
9. **Circumference:** the distance around the outside edge of a circle; use the following formula to find the distance: C = 2*r* where=3.14 and *r*=radius.
10. **Net:** a flat 2 dimensional figure that can be folded up into a 3 dimensional solid.
11. **Diameter:** a chord that goes through the center point of a circle.
12. **Radius:** the distance from the center point of a circle to any point on the edge of that circle; it is half of the diameter.