**CCM8 Unit 8: Volume of Cylinders, Cones, and Spheres Vocabulary**

|  |  |
| --- | --- |
| Area | Number of square units that it takes to cover the interior of a polygon, irregular figure, or circle |
| Chord | A segment whose endpoints are on the circle |
| Circle | the set of all points in a plane that are equidistant from a given point, called the center |
| Circumference | the distance around a circle. You calculate the circumference of a circle by multiplying the diameter by π |
| Cone | A solid, 3-dimensional figure with one vertex and one circular base |
| Cube Root | One of the three equal factors of a number |
| Cylinder | A solid, 3-dimensional figure with a curved side and two circular, congruent bases that are in parallel planes |
| Diameter | A chord that passes through the center of the circle |
| Height | How tall an object is |
| Pi | Ratio of a circle’s circumference to its diameter |
| Radius | A segment that has one endpoint at the center of the circle and the other endpoint on the circle |
| Sphere | A three dimensional solid that is perfectly round, ex. A ball. |
| Volume | The number of unit cubes or cubic units needed to fill the space inside the figure |