Vocabulary: Pyramids and Cones



**Vocabulary**

* Cone – a three-dimensional figure with one circular base and a curved lateral surface that tapers to a point.
* The point at the top of a cone is called the *apex*.

**Right cone**

**apex**

**base**

**height**

**Oblique cone**

* A cone that is straight up and down (apex directly above the center of the base) is *right*.
* A cone that is skewed (tilted to one side) is *oblique*.
* Height (of a pyramid or cone) – the perpendicular distance between the apex and the base.
* Pyramid – a three-dimensional figure with one polygonal base and lateral faces that are triangular.
* All of the triangular lateral faces meet in one point called the *apex*.
* The base of a pyramid determines its type.
* For example, the figures to the right have square bases and are *square pyramids*.

**apex**

**base**

**height**

**face**

**Right pyramid**

**Oblique pyramid**

* A pyramid that is straight upand down (apex sits directly above the exact center of the base) is *right*.
* A pyramid that is skewed (tilted to one side) is *oblique*.



* Volume – the number of cubic units inside a three-dimensional figure.
* For example, the volume of the solid shown to the right is 18 cubic units.