Power Standard #8

Perimeter – The distance around the outside of a 2-dimensional object.

Area - The amount of space (square units) inside the boundaries of a flat, 2-dimensional object. Example: A floor that is 8' by 6' has an area of 48 square feet (48 ft^2).

Area Formula – Length x Width

Base - The surface that a 3 dimensions solid stands on.

Cubic - Having the three dimensions of length, width, and height. It is a term that is used with the measurement of volume. (Ex: 4 ft^3)

Squared - Having the two dimensions of length and width. It is a term that is used with the measurement of area. (Ex: 4 ft^2)

Volume - The number of cubic units inside the boundaries of a 3-dimensional object. Example: A box that is 8' by 6' by 2' has a volume of 96 cubic feet (96 ft^3).

Volume Formulas - Length x Width x Height *or* Area of the Base x Height.