Formulas

Perimeter

Square = s + s + s + s
Rectangle = 2L + 2W
Triangle = s + s + s
Trapezoid = s + s + s + s
Circle (Circumference) = ∏D

Area

Square = S^2
Rectangle = L * W
Triangle = ½ BH
Trapezoid = 1/2H (B_1 + B_2)
Circle = ∏ R^2

Volume

Cube = S^3
Rectangle = L * W * H
Cylinder = ∏ R^2H
Cone = 1/3 ∏ R^2H
Sphere = 4/3∏ R^3
Pyramid = 1/3 S^2H

Surface area

Cube = $6S^2$
Rectangle = 2LW + 2LH + 2WH
Cylinder = 2∏ R^2 + 2∏RH
Cone = ∏ R^2 + ∏RL
Sphere = 4∏ R^2
Pyramid = S^2 + 2SL

Pythagorean Theorem

$A^2 + B^2 = C^2$

Congruency of Triangles

SSS
SAS
ASA