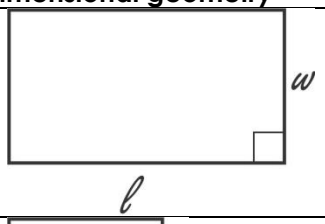
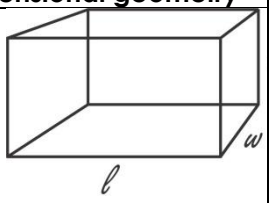
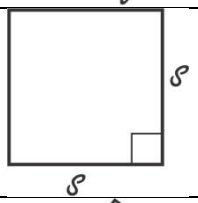
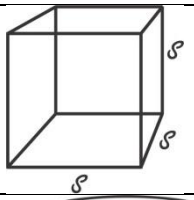
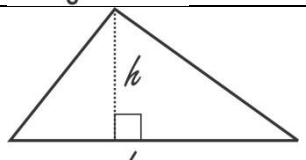
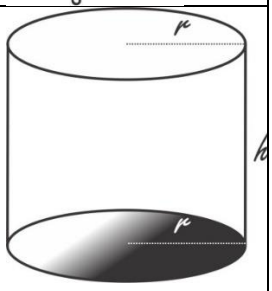
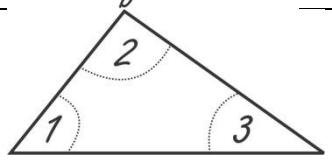
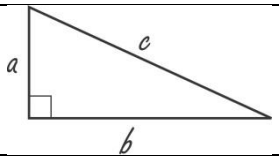
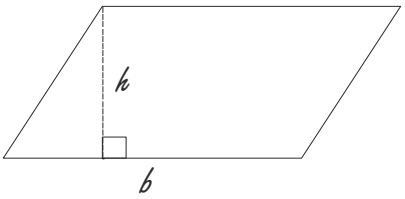
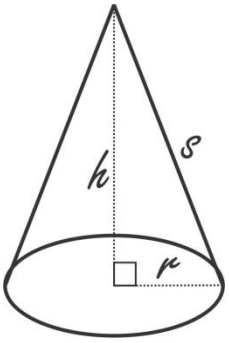
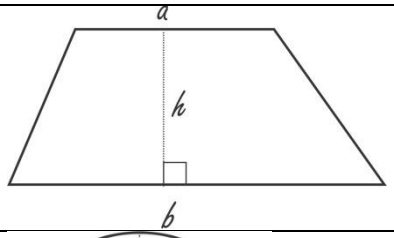
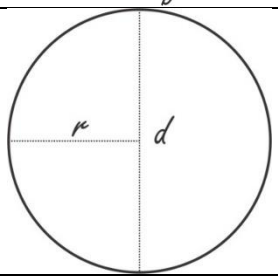
Geometry Formulas

Plane or 2-dimensional geometry		Solid or 3-dimensional geometry	
Rectangle Area = lw Perimeter = $2l + 2w$		*Rectangular solid* Volume = lwh	
Square Area = s^2 Perimeter = $4s$		*Cube* Volume = s^3	
Triangle Area = $\frac{1}{2}bh$ or $\frac{bh}{2}$		*Right cylinder* Volume = $\pi r^2 h$ Surface area = $2\pi r(h + r)$	
Sum of angle measures of the three internal angles of a triangle $m\angle 1 + m\angle 2 + m\angle 3 = 180°$			
Right triangle $c^2 = a^2 + b^2$			
Parallelogram Area = bh		*Right Cone* Volume = $\frac{1}{3}\pi r^2 h$ Surface area = $\pi r(r + s)$	
Trapezoid Area = $\frac{1}{2}h(a+b)$			
Circle Area = πr^2 Circumference = $\pi d = 2\pi r$		*Sphere* Volume = $\frac{4}{3}\pi r^3$ Surface area = $4\pi r^2$