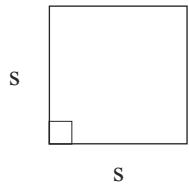


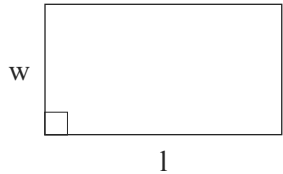
Geometry



Square

Area: $A = s^2$

Perimeter: $P = 4s$

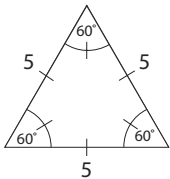


Rectangle

Area: $A = lw$

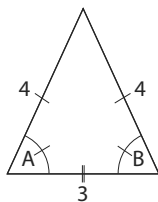
Perimeter: $P = 2l + 2w$

Equilateral Triangle

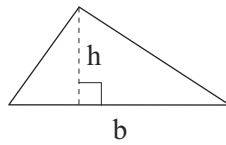


3 Sides of Equal Length
3 Angles of 60° Each

Isosceles Triangle

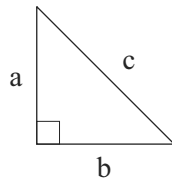


2 Sides of Equal Length
2 Base Angles are Equal
 $\angle A = \angle B$



Triangle

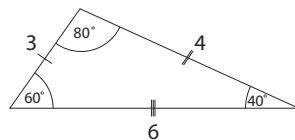
Area: $A = \frac{1}{2}bh$



Right Triangle

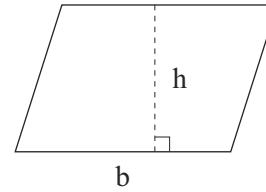
Pythagorean theorem
(equation): $a^2 + b^2 = c^2$

Scalene Triangle



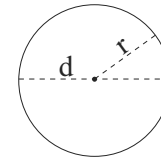
3 Unequal Sides
3 Unequal Angles

Geometry



Parallelogram

Area: $A = bh$



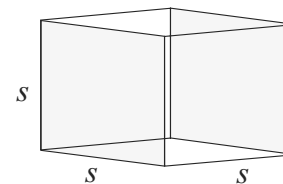
Circle

Area: $A = \pi r^2$

Circumference:

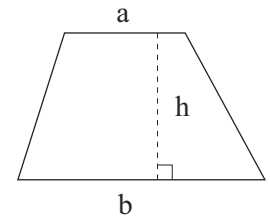
$C = \pi d = 2\pi r$

($\frac{22}{7}$ and 3.14 are different approximations for π)



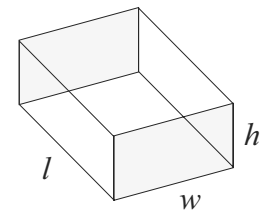
Cube

Volume: $V = s^3$



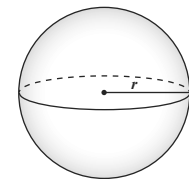
Trapezoid

Area: $A = \frac{1}{2}h(a+b)$



Rectangular Solid

Volume: $V = lwh$



Sphere

Volume: $V = \frac{4}{3}\pi r^3$

Surface area: $S = 4\pi r^2$