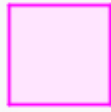


Areas

Square  $A = l^2$   $l$ : length of side



Rectangle  $A = w \times h$   $w$ : width  
 $h$ : height



Triangle  $A = \frac{b \times h}{2}$   $b$ : base  
 $h$ : height



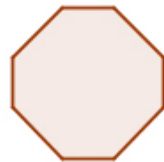
Rhombus  $A = \frac{D \times d}{2}$   $D$ : large diagonal  
 $d$ : small diagonal



Trapezoid  $A = \frac{B + b}{2} \times h$   $B$ : large side  
 $b$ : small side  
 $h$ : height



Regular polygon  $A = \frac{P}{2} \times a$   $P$ : perimeter  
 $a$ : apothem



Circle  $A = \pi r^2$   $r$ : radius  
 $P = 2\pi r$   $P$ : perimeter



Cone (lateral surface)  $A = \pi r \times s$   $r$ : radius  
 $s$ : slant height



Sphere (surface area)  $A = 4\pi r^2$   $r$ : radius

