

Geometry Formulas

Triangle	Formula
Pythagorean Theorem	
45°-45°-90° Phenomenon	
30°-60°-90° Phenomenon	
Perimeter	
Area of any Triangle	
Area of Isosceles Triangle	
Area of Right Triangle	
Area of Equilateral Triangle	

Square	Formula
Perimeter	
Area #1	
Area #2	
Relationship between Side & Diagonal	

Rectangle	Formula
Perimeter	
Area #1	
Relationship between Side & Diagonal	

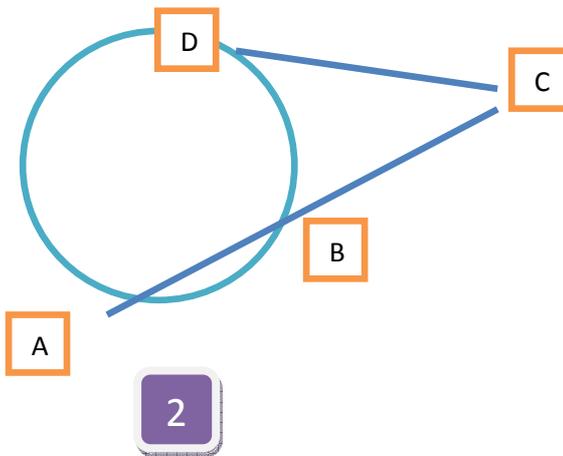
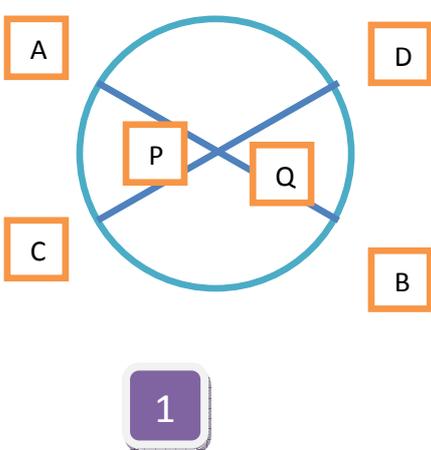
Parallelogram	Formula
Perimeter	
Area	

Rhombus	Formula
Perimeter	
Area #1	
Area #2	

Trapezoid	Formula
Perimeter	
Area	

Circumference	Formula
Circumference #1	
Circumference #2	
Diameter	
Radius	

Arc of Circle	Formula
Arc Length (Central)	
Arc Length (Inscribed)	



Arc of Circle	Formula
Arc Measure (Intersecting Chords) [1]	
Arc Measure (Intersecting Secants/Tangents) [2]	
Perimeter of Sector of Circle	

Circle	Formula
Area of Circle #1	
Area of Circle #2	

Sector of Circle	Formula
Area of Sector	

Rectangular Solids	Formula
Area of Front & Back Faces	
Area of Top & Bottom Faces	
Area of Front & Back Faces	
Total Surface	
Diagonal	

Cube	Formula
Area of Cube	
Volume	
Diagonal	

Cylinder	Formula
Area of Top & Bottom Circular Bases	
Lateral Surface Area	
Total Surface Area	
Volume	

Cone	Formula
Surface Area	
Volume of Cone	

Sphere	Formula
Surface Area	
Volume	

Coordinate geometry	Formula
Distance	
Mid-point	
General Form	
Slope	