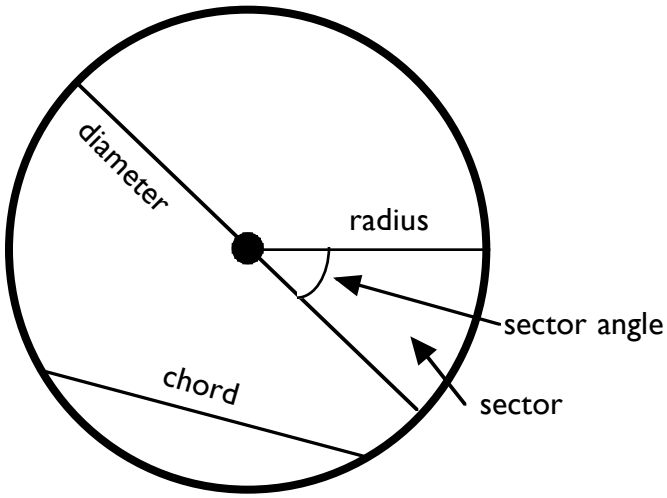
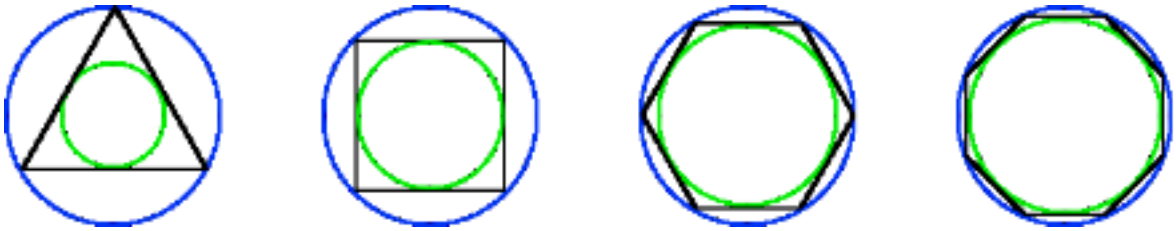


Special Right Triangles
3-4-5
5-12-13
7-24-25
9-40-41
12-35-37
or multiples of these



REGULAR POLYGON	# of Sides	Area Constant	Radius of Inner Circle	Radius of Outer Circle
Triangle	3	0.433	0.289	0.577
Square	4	1.000	0.500	0.707
Pentagon	5	1.721	0.688	0.851
Hexagon	6	2.598	0.866	1.000
Heptagon	7	3.634	1.038	1.152
Octagon	8	4.828	1.207	1.307
Nonagon	9	6.182	1.373	1.462
Decagon	10	7.694	1.539	1.618
Undecagon	11	9.366	1.703	1.775
Dodecagon	12	11.196	1.866	1.932

Area = Area Constant times side times side

Side = Inner Radius divided by inner radius constant

Side = Outer Radius divided by outer radius constant

*all sides must be equal!