

SHAPE	DIAGONAL	Interior	SUM OF INTERIORS	EXTERIOR
	$n(n-3)/2$ or $n(n-1)/2-n$	$(n-2)/n \times 180$ or $(2n-4)/n \times 90$	$(n-2) \times 180$ or $(2n-4) \times 90$	$360/n$
Triangle (3)	0	60	180	120
Quadrilateral(4)	2	90	360	90
Pentagon (5)	5	108	540	72
Hexagon(6)	9	120	720	60
Heptagon(7)	14	128.57	900	51.43
Octagon(8)	20	135	1080	45
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