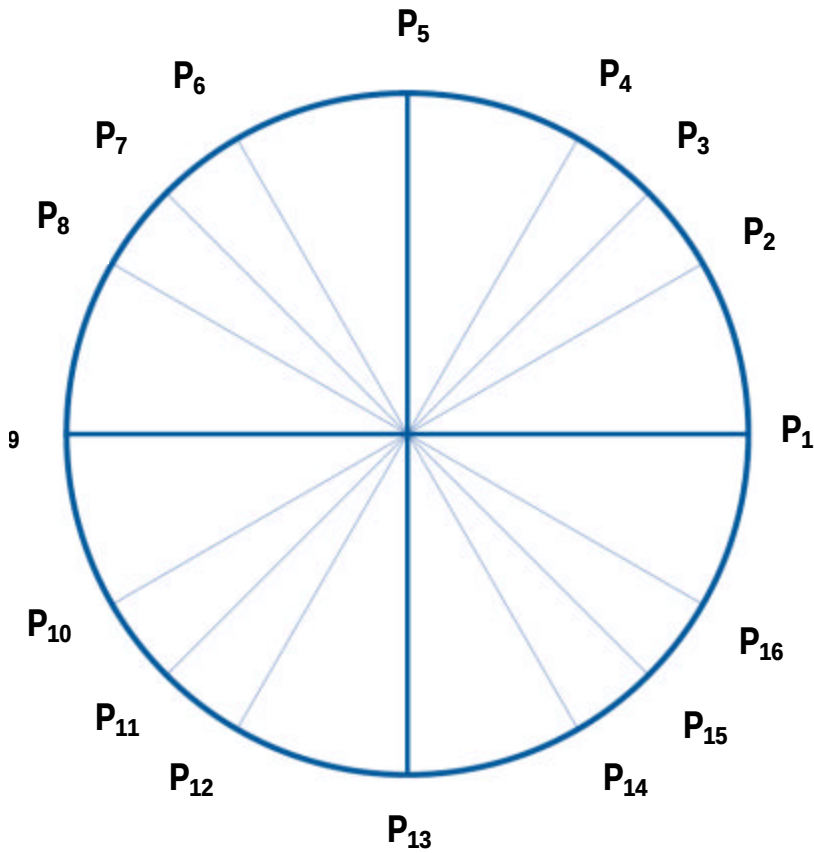


Name: _____

Math Analysis

Unit Circle and Trigonometric Functions



Point	Degree	Radian	Sin ?	Cos ?	Tan ?	Csc ?	Sec ?	Cot ?
P ₁	0, 360	0, 2p	0	1	0	Und.	1	Und.
P ₂	30	$p/6$	$1/2$	$\sqrt{3}/2$	$\sqrt{3}/3$	2	$2\sqrt{3}/3$	$\sqrt{3}$
P ₃	45	$p/4$	$\sqrt{2}/2$	$\sqrt{2}/2$	1	$\sqrt{2}$	$\sqrt{2}$	1
P ₄	60	$p/3$	$\sqrt{3}/2$	$1/2$	$\sqrt{3}$	$2\sqrt{3}/3$	2	$\sqrt{3}/3$
P ₅	90	$p/2$	1	0	Und.	1	Und.	0
P ₆	120	$2p/3$	$\sqrt{3}/2$	$-1/2$	$-\sqrt{3}$	$2\sqrt{3}/3$	-2	$-\sqrt{3}/3$
P ₇	135	$3p/4$	$\sqrt{2}/2$	$-\sqrt{2}/2$	-1	$\sqrt{2}$	$-\sqrt{2}$	-1
P ₈	150	$5p/6$	$1/2$	$-\sqrt{3}/2$	$-\sqrt{3}/3$	2	$-2\sqrt{3}/3$	$-\sqrt{3}$
P ₉	180	p	0	-1	0	Und.	-1	Und.
P ₁₀	210	$7p/6$	$-1/2$	$-\sqrt{3}/2$	$\sqrt{3}/3$	-2	$-2\sqrt{3}/3$	$\sqrt{3}$
P ₁₁	225	$5p/4$	$-\sqrt{2}/2$	$-\sqrt{2}/2$	1	$-\sqrt{2}$	$-\sqrt{2}$	1
P ₁₂	240	$4p/3$	$-\sqrt{3}/2$	$-1/2$	$\sqrt{3}$	$-2\sqrt{3}/3$	-2	$\sqrt{3}/3$
P ₁₃	270	$3p/2$	-1	0	Und.	-1	Und.	0
P ₁₄	300	$5p/3$	$-\sqrt{3}/2$	$1/2$	$-\sqrt{3}$	$-2\sqrt{3}/3$	2	$-\sqrt{3}/3$
P ₁₅	315	$7p/4$	$-\sqrt{2}/2$	$\sqrt{2}/2$	-1	$-\sqrt{2}$	$\sqrt{2}$	-1
P ₁₆	330	$11p/6$	$-1/2$	$\sqrt{3}/2$	$-\sqrt{3}/3$	-2	$2\sqrt{3}/3$	$-\sqrt{3}$