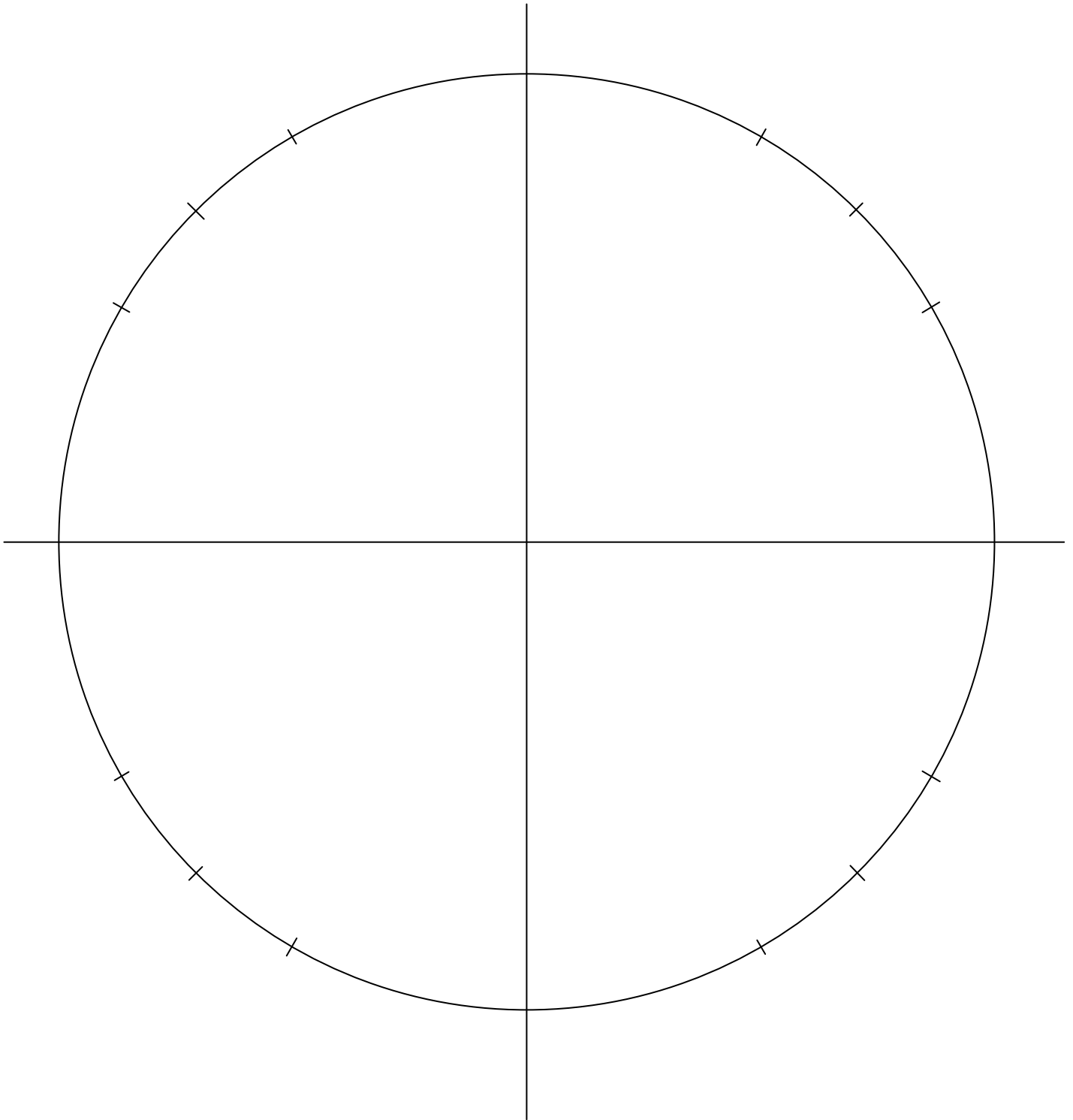


Algebra 3 Assignment # 1

Label all multiples of 30, 45 and 90 in degrees and Radians.



Algebra 3 Assignment # 1

Answers

(1)

Radian Measure	$\frac{8\pi}{3}$	$\frac{11\pi}{6}$	$\frac{3\pi}{4}$	$\frac{5\pi}{2}$	$\frac{\pi}{6}$	$-\frac{3\pi}{4}$	5π	$\frac{4\pi}{3}$	$-\frac{3\pi}{2}$
Degree Measure	480°	330°	135°	450°	30°	-135°	900°	240°	-270°
Sin	$\frac{\sqrt{3}}{2}$	$-\frac{1}{2}$	$\frac{\sqrt{2}}{2}$	1	$\frac{1}{2}$	$-\frac{\sqrt{2}}{2}$	0	$-\frac{\sqrt{3}}{2}$	1
Cos	$-\frac{1}{2}$	$\frac{\sqrt{3}}{2}$	$-\frac{\sqrt{2}}{2}$	0	$\frac{\sqrt{3}}{2}$	$-\frac{\sqrt{2}}{2}$	-1	$-\frac{1}{2}$	0
Tan	$-\sqrt{3}$	$-\frac{1}{\sqrt{3}}$	-1	—	$\frac{1}{\sqrt{3}}$	1	0	$\sqrt{3}$	—
Cot	$-\frac{1}{\sqrt{3}}$	$-\sqrt{3}$	-1	0	$\sqrt{3}$	1	—	$\frac{1}{\sqrt{3}}$	0
Sec	-2	$\frac{2}{\sqrt{3}}$	$-\sqrt{2}$	—	$\frac{2}{\sqrt{3}}$	$-\sqrt{2}$	-1	-2	—
Csc	$\frac{2}{\sqrt{3}}$	-2	$\sqrt{2}$	1	2	$-\sqrt{2}$	—	$-\frac{2}{\sqrt{3}}$	1