

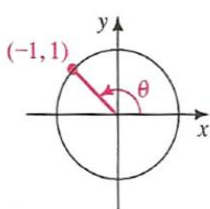
Name:

HAMILTON-WENHAM REGIONAL HIGH SCHOOL

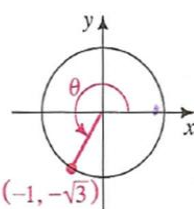
Midterm Exam Part III

Question Number	Question	Answer
1	Convert 270° to radians. Give the answer in terms of π	
2	Convert 216° to radians. Give the answer to the nearest hundredth.	
3	Convert $(5\pi/3)$ radians to degrees.	
4	Convert 1.4 radians to degrees. Give the answer to the nearest tenth of a degree.	
5	Find two angles, one positive and one negative, that are coterminal with the angle -170°	
6	Find two angles, one positive and one negative, that are coterminal with the angle 314.4°	
7	Find two angles, one positive and one negative, that are coterminal with the angle $(\pi/6)$	
8	Find two angles, one positive and one negative, that are coterminal with the angle $36^\circ 12'$	
9	A sector of a circle has a radius 9 cm and a central angle 61° . Find its approximate arc length and area.	
10	Find $\cos \theta$ and $\cot \theta$.	a
		b
		c

a.



b.



c.

