AA2 Week 16 Tuesday NO CALC
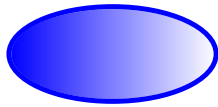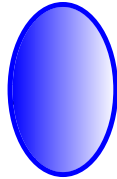
1. The point P is the intersection of a circle with a radius of 4 and the terminal side of a 240° angle. Find the exact coordinates of P.

2.
a) Find a coterminal angle, θ, for the given angle such that $-360° < \theta < 360°$

222° _____

b) **What is its reference angle?**

3. The terminal side of an angle θ in standard position passes through (3,-8). Find $\csc\theta$ exactly.

4. Find the value of the given trig ratios exactly.

a) $\sin 60°$

b) $\cos 45°$

c) $\cot 30°$

d) $\csc 225°$

e) $\tan 300°$