

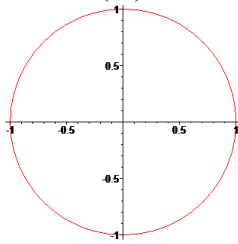
Name: \_\_\_\_\_

Date: \_\_\_\_\_

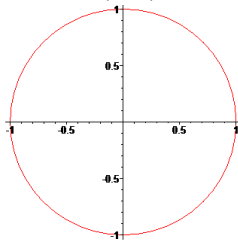
## QUIZ – TRIGONOMETRIC FUNCTIONS DEFINITION

1. (20%) In the 2<sup>nd</sup> Quadrant  $\sin(x)$  is \_\_\_\_\_ and  $\cos(x)$  is \_\_\_\_\_
2. (20%) In the 4<sup>th</sup> Quadrant  $\sin(x)$  is \_\_\_\_\_ and  $\cos(x)$  is \_\_\_\_\_
3. (60%) In each one of the cases sketch on the unit circle the corresponding angle and then find the corresponding exact value:

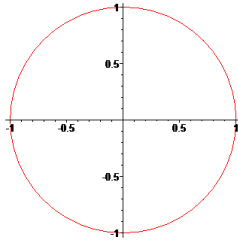
a.  $\cos(0^\circ) =$



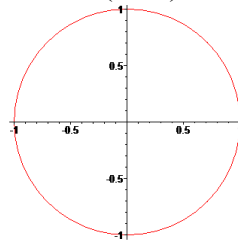
b.  $\cos(45^\circ) =$



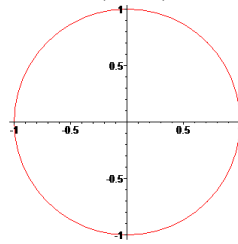
c.  $\sin(270^\circ) =$



d.  $\cos(180^\circ) =$



e.  $\sin(120^\circ) =$



f.  $\cos(210^\circ) =$

