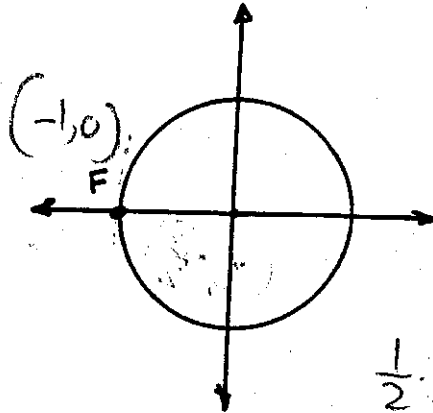
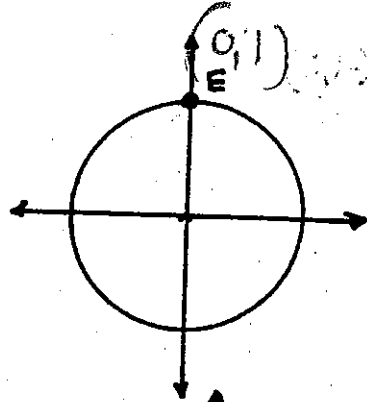
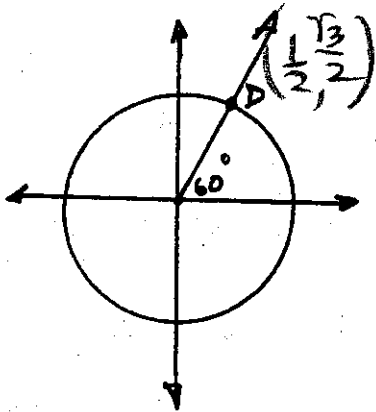
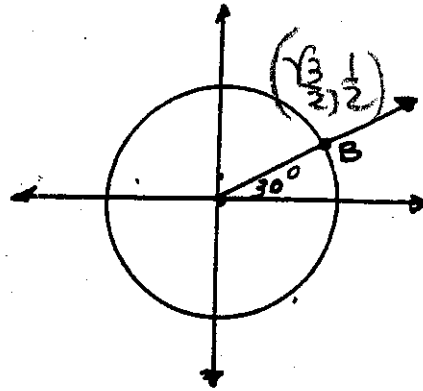
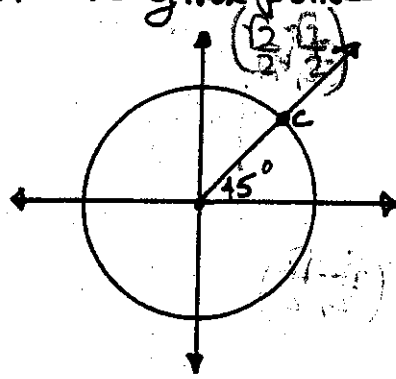
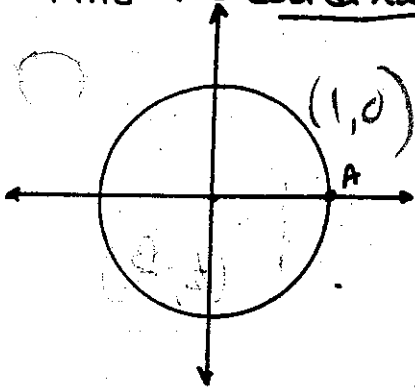


Find the coordinates of the given points

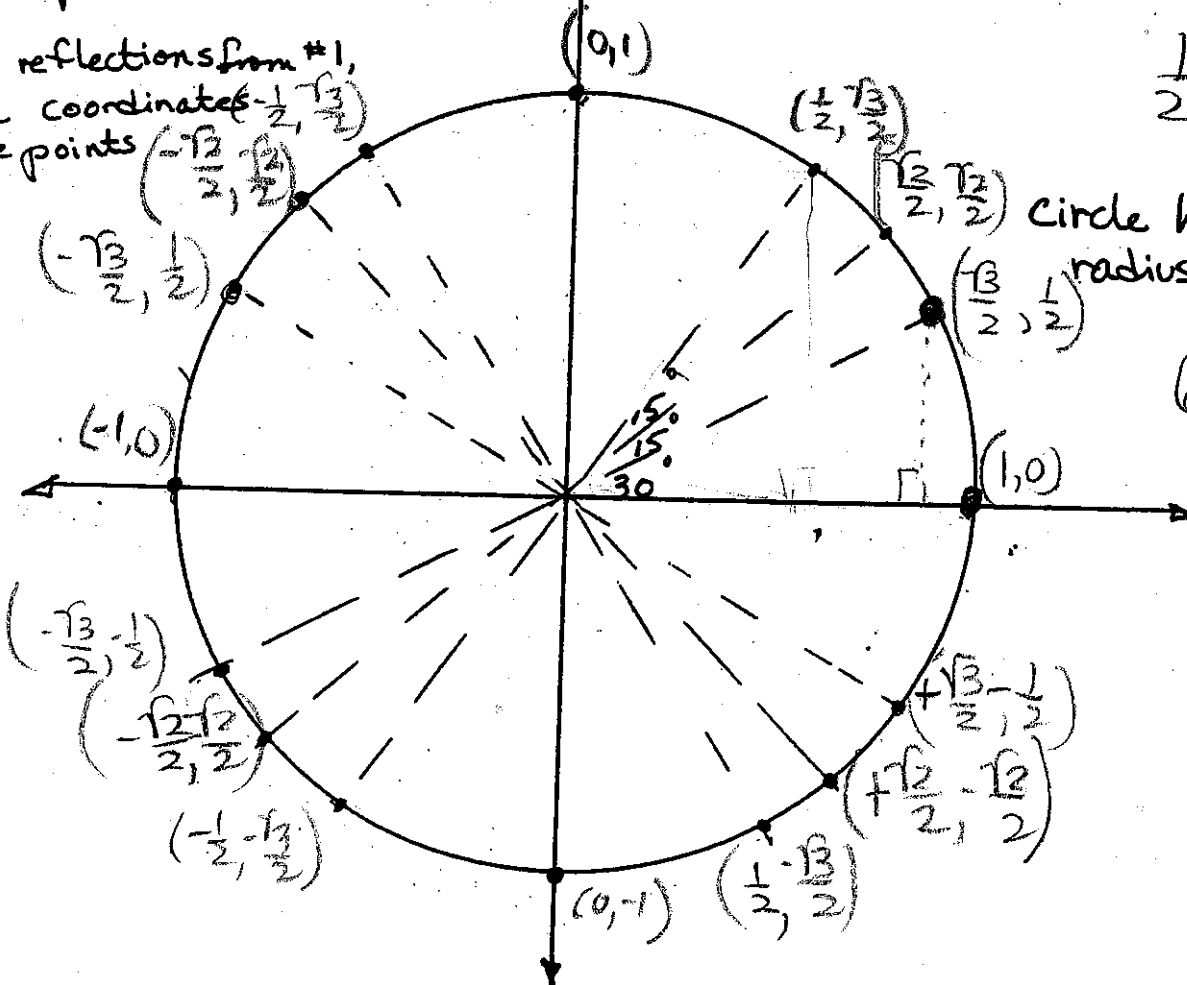
NAME _____



$$\frac{1}{2} \cdot \frac{\sqrt{2}}{1}$$

$$\frac{1}{2\sqrt{2}}$$

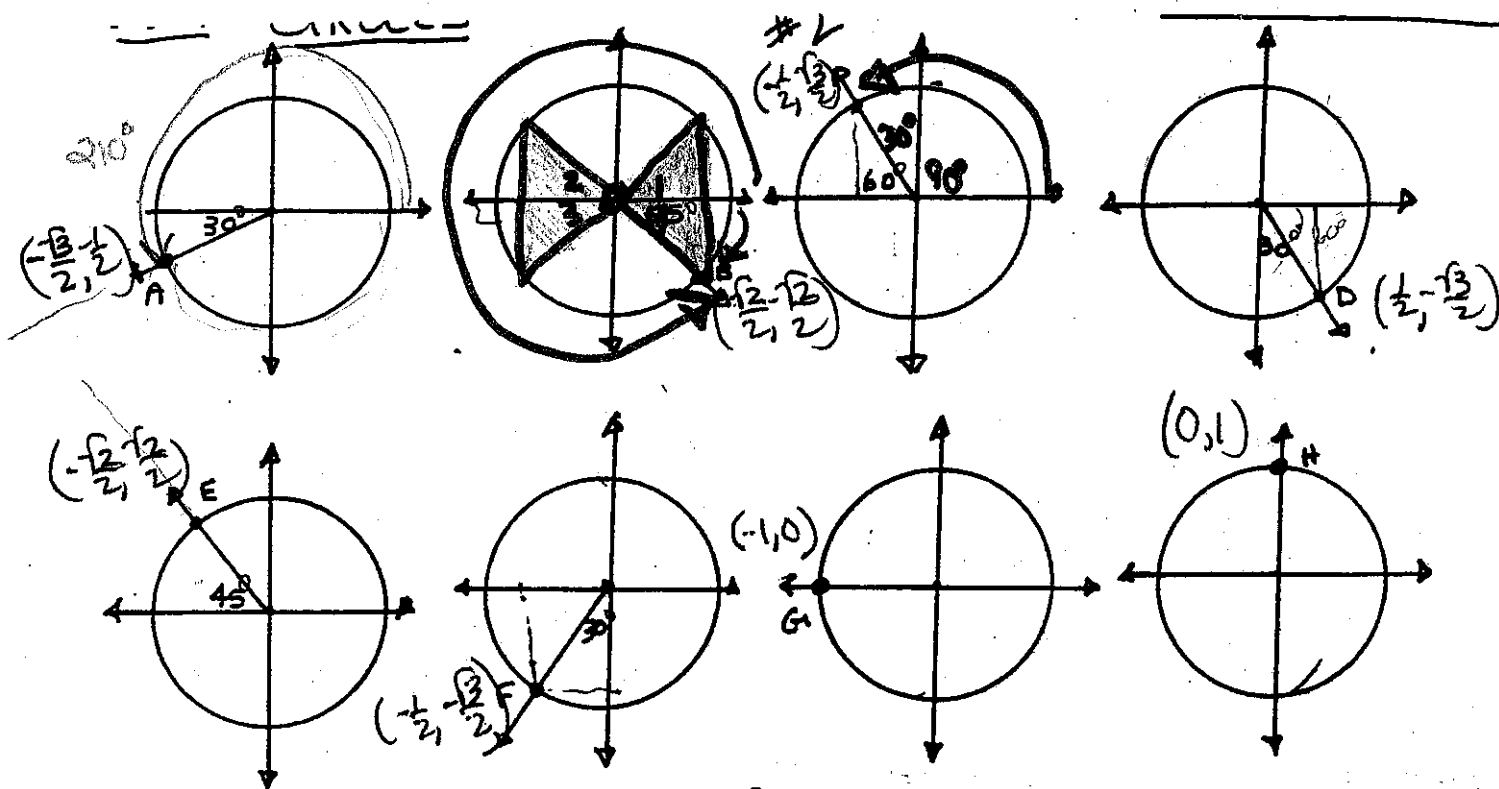
Using reflections from #1, find the coordinates of these points



circle has radius one

6.28

131B



1- Find the coordinates of each point - exact answers

2- Then write each coordinate point in terms of $\sin \theta$

and $\cos \theta$ when $\theta \geq 0$

$A(\cos 210^\circ, \sin 210^\circ)$

OR $(\cos \frac{7\pi}{6}, \sin \frac{7\pi}{6})$

$B(\cos 315^\circ, \sin 315^\circ)$

$C(\cos 120^\circ, \sin 120^\circ)$

$D(\cos 300^\circ, \sin 300^\circ)$

$G(\cos 180^\circ, \sin 180^\circ)$

$E(\cos 135^\circ, \sin 135^\circ)$

$H(\cos 90^\circ, \sin 90^\circ)$

$F(\cos 240^\circ, \sin 240^\circ)$

3- Write each coordinate point in terms of $\sin \theta$ and $\cos \theta$ when $\theta \leq 0$

$A(\cos -150^\circ, \sin -150^\circ)$

$D(\cos -60^\circ, \sin -60^\circ)$

$G(\cos -180^\circ, \sin -180^\circ)$

$B(\cos(-45^\circ), \sin(-45^\circ))$

$E(\cos -225^\circ, \sin -225^\circ)$

$H(\cos -270^\circ, \sin -270^\circ)$

$C(\cos(240), \sin(240))$

$F(\cos -120^\circ, \sin -120^\circ)$