

Matrix Transforms

$\begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$	Reflection in Line	Rotation by Angle	Reflection in Line then Rotation by Angle
$y = (\tan 30^\circ)x$			
$y = (\tan 45^\circ)x$			
$y = (\tan 60^\circ)x$			
$y = (\tan 120^\circ)x$			
$y = (\tan 180^\circ)x$			
$y = (\tan 210^\circ)x$			
$y = (\tan 240^\circ)x$			
$y = (\tan 90^\circ)x$			