

1) $\sin \theta$, $\sin \theta$, $\frac{\text{opp}}{\text{hyp}}$
 $\sec \theta$, $\sec \theta$, $\frac{\text{hyp}}{\text{adj}}$
 $\cot \theta$, $\cot \theta$, $\frac{\text{adj}}{\text{opp}}$

2)

$$3) \cos \theta = \frac{a}{c}$$

$$\sec \theta = \frac{c}{a}$$

$$\cot \theta = \frac{b}{a}$$

4)

θ in degrees	30°	45°	60°
θ in radians	$\frac{\pi}{6}$	$\frac{\pi}{4}$	$\frac{\pi}{3}$
$\sin \theta$	$\frac{1}{2}$	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{3}}{2}$
$\cos \theta$	$\frac{\sqrt{3}}{2}$	$\frac{\sqrt{2}}{2}$	$\frac{1}{2}$
$\tan \theta$	$\frac{1}{\sqrt{3}}$	1	$\sqrt{3}$