

Section 7.3

**Computing the Values of
Trigonometric Functions of
Acute Angles**

**TRIGONOMETRIC FUNCTIONS
OF COMMON ANGLES**

θ	$\sin \theta$	$\cos \theta$	$\tan \theta$
$\frac{\pi}{6}; 30^\circ$	$\frac{1}{2}$	$\frac{\sqrt{3}}{2}$	$\frac{1}{\sqrt{3}} = \frac{\sqrt{3}}{3}$
$\frac{\pi}{4}; 45^\circ$	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{2}}{2}$	1
$\frac{\pi}{3}; 60^\circ$	$\frac{\sqrt{3}}{2}$	$\frac{1}{2}$	$\sqrt{3}$