

USING REFERENCE ANGLES TO FIND THE VALUES OF TRIG FUNCTIONS

ANGLE θ	QUAD	REF ANGLE θ'	SIN(θ')	SIN(θ)	COS(θ')	COS(θ)	TAN(θ')	TAN(θ)
135°								
210°								
300°								
-150°								
$5\pi/6$								
$5\pi/3$								
$9\pi/4$								
$-5\pi/4$								

Find the following trigonometric values, no calculator.

(a) $\cos(215^\circ) =$ _____

(b) $\tan(\pi/2) =$ _____

(c) $\sin(-120^\circ) =$ _____

(d) $\sin(-\pi/4) =$ _____

(e) $\tan(330^\circ) =$ _____

(f) $\cos(13\pi/6) =$ _____

(g) $\cos 90^\circ =$ _____

(h) $\sin(5\pi/3) =$ _____