

Math analysis answers to ditto 319

$\theta$	SIN	COS	TAN
45) 225	$\frac{-\sqrt{2}}{2}$	$\frac{-\sqrt{2}}{2}$	1
46) 300	$\frac{-\sqrt{3}}{2}$	$\frac{1}{2}$	$-\sqrt{3}$
47) 750	$\frac{1}{2}$	$\frac{\sqrt{3}}{2}$	$\frac{\sqrt{3}}{3}$
48) -405	$\frac{-\sqrt{2}}{2}$	$\frac{\sqrt{2}}{2}$	-1
49) -150	$\frac{1}{2}$	$\frac{-\sqrt{3}}{2}$	$\frac{\sqrt{3}}{3}$
50) -840	$\frac{-\sqrt{3}}{2}$	$\frac{-1}{2}$	$\sqrt{3}$
51) $\frac{4\pi}{3}$	$\frac{-\sqrt{3}}{2}$	$\frac{-1}{2}$	$\sqrt{3}$
52) $\frac{\pi}{4}$	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{2}}{2}$	1
53) $\frac{-\pi}{6}$	$\frac{-1}{2}$	$\frac{\sqrt{3}}{2}$	$\frac{-\sqrt{3}}{3}$
54) $\frac{-\pi}{2}$	-1	0	UNDEFINED
55) $\frac{11\pi}{4}$	$\frac{\sqrt{2}}{2}$	$\frac{-\sqrt{2}}{2}$	-1
56) $\frac{10\pi}{3}$	$\frac{-1}{2}$	$\frac{-\sqrt{3}}{2}$	$\frac{\sqrt{3}}{3}$

	$\theta$	$\sin$	$\cos$	$\tan$
57)	$\frac{-3\pi}{2}$	1	0	undefined

58)	$\frac{-25\pi}{4}$	$\frac{-\sqrt{2}}{2}$	$\frac{\sqrt{2}}{2}$	-1
-----	--------------------	-----------------------	----------------------	----

#81 a)  $30^\circ, 150^\circ, \frac{\pi}{6}, \frac{5\pi}{6}$       b)  $210^\circ, 330^\circ, \frac{7\pi}{6}, \frac{11\pi}{6}$

#82 a)  $45^\circ, 315^\circ, \frac{\pi}{4}, \frac{7\pi}{4}$       b)  $135^\circ, 225^\circ, \frac{3\pi}{4}, \frac{5\pi}{4}$

#85 a)  $45^\circ, 225^\circ, \frac{\pi}{4}, \frac{5\pi}{4}$       b)  $150^\circ, 330^\circ, \frac{5\pi}{6}, \frac{11\pi}{6}$

#86 a)  $60^\circ, 120^\circ, \frac{\pi}{3}, \frac{2\pi}{3}$       b)  $240^\circ, 300^\circ, \frac{4\pi}{3}, \frac{5\pi}{3}$