

國立彰化高中 111 學年度第一學期高二數學 B 第一次期中考答案卷

____年____班 姓名____ 座號____

填充題 (答對格數 12 格內, 每格 5 分; 其餘每格 2 分)

1.(1)	(2)	(3)	2.(1)	(2)	(3)	3.(1)	(2)
π	$\frac{3\pi}{2}$	$\frac{7\pi}{6}$	135°	240°	150°	$\frac{7}{2}$	$-\frac{3}{4} - \sqrt{3}$
4.	5.(1)	(2)	6.(1)	(2)	7.	8.	9.(1)
ABCDE	$\frac{3}{2}$	$\frac{-2}{\sqrt{13}}$	10	50 25	$b > e > a$ $\rightarrow d > c$	III	$y = \sin 2(x-1)$
(2)	10.(1)	(2)	11.	12.(1)	(2)	13.(1)	(2)
$y = \sin(2x-2)$ -3	$y = \sin \frac{1}{2}x$	$y = 3 \sin \frac{1}{2}x$	$y = \sin(\frac{x}{2} + \frac{\pi}{4})$	$12-2\pi$	$12-4\pi$	無解	$\frac{7\pi}{6}, \frac{11\pi}{6}$ $-\frac{\pi}{6}, -\frac{5\pi}{6}$ ($210^\circ, 330^\circ, -30^\circ, -150^\circ$)
14.	15.(1)	(2)	16.(1)	(2)	17.(1)	(2)	18.
ABE	5	$-\frac{1}{3}$	$\log(2)$	○	28, $\frac{1}{2}$	$a = \frac{1}{2}$ $k = \frac{1}{2}$ $h = \frac{15}{14}\pi$ $b = \frac{\pi}{14}$	$50\pi - 100$