## ① 数学検定 Answer

pre 1 st Kyu - 1

		pro rot rtya r
1	$0 < \theta < \frac{\pi}{6}, \ \frac{3}{4}\pi < \theta < \frac{\pi}{6}$	$\langle \pi \rangle$
2	2 < r < 8	
3	1629	
4	1 64	
4	$\theta = \pi$	

Please fill in the box.(the bold part is mandatory)

Put your sticker for Section	1		
with the bar code here.			

Name		Examinee Number				
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Date of Birth (year)		(month)		(da	(day)	
Gender (Check the app	propriate box)	Male Fema	le 🗌	Age		
Address						
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## pre1 st Kyu-1

5	$f'(x) = -\sin x - 2\cos 2x$
	$y = -2x + 2\pi - 1$
6	(0, 6)
7	$e^{10}$ ( $e$ is the base of the natural logarithm)