10 Apr. 2019

 $Calculus\ ex 02$

$\bigcirc 0 \bigcirc 0$ $\bigcirc 1 \bigcirc 1$ $\bigcirc 2 \bigcirc 2 \bigcirc 2 \bigcirc 2 \bigcirc 2 \bigcirc 2 \bigcirc 2$ $\bigcirc 3 \bigcirc 3 \bigcirc 3 \bigcirc 3 \bigcirc 3 \bigcirc 3$ $\bigcirc 4 \bigcirc 4 \bigcirc 4 \bigcirc 4 \bigcirc 4 \bigcirc 4$ $\bigcirc 4 \bigcirc 4 \bigcirc 4 \bigcirc 4 \bigcirc 4$ $\bigcirc 5 \bigcirc 5 \bigcirc 5 \bigcirc 5 \bigcirc 5 \bigcirc 5$ $\bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6$ $\bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6$ $\bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6$ $\bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6$ $\bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6$ $\bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6$ $\bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6$ $\bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6$ $\bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6$ $\bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6$ $\bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6$ $\bigcirc 6 \bigcirc 6 \bigcirc 6$ $\bigcirc 6 \bigcirc 6 \bigcirc 6 \bigcirc 6$ $\bigcirc 6$							
Question [sinp01] \clubsuit Solve the equation $\sin x = 0 \ (0 \le x \le 2\pi)$.							
Question [sinp02] \clubsuit Solve the equation $\sin x = \frac{1}{2} (0 \le x \le 2\pi)$.							
$ \bigcirc 0 \qquad \bullet \frac{\pi}{6} \qquad \bigcirc \frac{\pi}{4} \qquad \bigcirc \frac{\pi}{3} \qquad \bigcirc \frac{\pi}{2} \qquad \bigcirc \frac{2}{3}\pi \qquad \bigcirc \frac{3}{4}\pi $ $ \bullet \frac{5}{6}\pi \qquad \bigcirc \pi \qquad \bigcirc \frac{7}{6}\pi \qquad \bigcirc \frac{5}{4}\pi \qquad \bigcirc \frac{4}{3}\pi \qquad \bigcirc \frac{3}{2}\pi \qquad \bigcirc \frac{5}{3}\pi $ $ \bigcirc \frac{7}{4}\pi \qquad \bigcirc \frac{11}{6}\pi \qquad \bigcirc 2\pi \qquad \bigcirc None \ of \ these \ answers \ are \ correct. $							
Question [sinp03] \clubsuit Solve the equation $\sin x = \frac{1}{\sqrt{2}} (0 \le x \le 2\pi)$.							
$ \bigcirc 0 \qquad \bigcirc \frac{\pi}{6} \qquad \bullet \qquad \frac{\pi}{4} \qquad \bigcirc \qquad \frac{\pi}{3} \qquad \bigcirc \frac{\pi}{2} \qquad \bigcirc \frac{2}{3}\pi \qquad \bullet \qquad \frac{3}{4}\pi $ $ \bigcirc \frac{5}{6}\pi \qquad \bigcirc \qquad \pi \qquad \bigcirc \qquad \frac{7}{6}\pi \qquad \bigcirc \qquad \frac{5}{4}\pi \qquad \bigcirc \qquad \frac{4}{3}\pi \qquad \bigcirc \qquad \frac{3}{2}\pi \qquad \bigcirc \qquad \frac{5}{3}\pi $ $ \bigcirc \qquad \frac{7}{4}\pi \qquad \bigcirc \qquad \frac{11}{6}\pi \qquad \bigcirc \qquad 2\pi \qquad \bigcirc \qquad None \ of \ these \ answers \ are \ correct. $							
Question [sinp04] \clubsuit Solve the equation $\sin x = \frac{\sqrt{3}}{2} (0 \le x \le 2\pi)$.							
$ \bigcirc 0 \qquad \bigcirc \frac{\pi}{6} \qquad \bigcirc \frac{\pi}{4} \qquad \blacksquare \qquad \frac{\pi}{3} \qquad \bigcirc \frac{\pi}{2} \qquad \blacksquare \qquad \frac{2}{3}\pi \qquad \bigcirc \frac{3}{4}\pi $ $ \bigcirc \frac{5}{6}\pi \qquad \bigcirc \pi \qquad \bigcirc \frac{7}{6}\pi \qquad \bigcirc \frac{5}{4}\pi \qquad \bigcirc \frac{4}{3}\pi \qquad \bigcirc \frac{3}{2}\pi \qquad \bigcirc \frac{5}{3}\pi $ $ \bigcirc \frac{7}{4}\pi \qquad \bigcirc \qquad \frac{11}{6}\pi \qquad \bigcirc 2\pi \qquad \bigcirc \qquad None \ of \ these \ answers \ are \ correct. $							
Question [sinp05] \clubsuit Solve the equations $x = 1 (0 \le x \le 2\pi)$.							
$ \bigcirc 0 \qquad \bigcirc \frac{\pi}{6} \qquad \bigcirc \frac{\pi}{4} \qquad \bigcirc \frac{\pi}{3} \qquad \blacksquare \frac{\pi}{2} \qquad \bigcirc \frac{2}{3}\pi \qquad \bigcirc \frac{3}{4}\pi $ $ \bigcirc \frac{5}{6}\pi \qquad \bigcirc \pi \qquad \bigcirc \frac{7}{6}\pi \qquad \bigcirc \frac{5}{4}\pi \qquad \bigcirc \frac{4}{3}\pi \qquad \bigcirc \frac{3}{2}\pi \qquad \bigcirc \frac{5}{3}\pi $ $ \bigcirc \frac{7}{4}\pi \qquad \bigcirc \frac{11}{6}\pi \qquad \bigcirc 2\pi \qquad \bigcirc \text{None of these answers are correct.} $							
Question [sinm02] \clubsuit Solve the equation $\sin x = -\frac{1}{2} (0 \le x \le 2\pi)$.							
$ \bigcirc 0 \qquad \bigcirc \frac{\pi}{6} \qquad \bigcirc \frac{\pi}{4} \qquad \bigcirc \frac{\pi}{3} \qquad \bigcirc \frac{\pi}{2} \qquad \bigcirc \frac{2}{3}\pi \qquad \bigcirc \frac{3}{4}\pi $ $\bigcirc \frac{5}{6}\pi \qquad \bigcirc \pi \qquad \bullet \frac{7}{6}\pi \qquad \bigcirc \frac{5}{4}\pi \qquad \bigcirc \frac{4}{3}\pi \qquad \bigcirc \frac{3}{2}\pi \qquad \bigcirc \frac{5}{3}\pi $ $\bigcirc \frac{7}{4}\pi \qquad \bullet \frac{11}{6}\pi \qquad \bigcirc 2\pi \qquad \bigcirc \text{None of these answers are correct.} $							

Question [sinm03] \clubsuit Solve the equation $\sin x = -\frac{1}{\sqrt{2}} (0 \le x \le 2\pi)$.							
$ \bigcirc 0 \\ \bigcirc \frac{5}{6}\pi \\ \bullet \frac{7}{4}\pi $	$ \begin{array}{cccc} & \frac{\pi}{6} & \bigcirc \\ & \pi & \bigcirc \\ & \bigcirc & \frac{11}{6}\pi \end{array} $	$ \begin{array}{ccc} \frac{\pi}{4} & \bigcirc \\ \frac{7}{6}\pi & \bullet \\ \bigcirc & 2\pi \end{array} $	$ \frac{\pi}{3} \qquad \bigcirc \qquad \frac{\pi}{2} $ $ \frac{5}{4}\pi \qquad \bigcirc \qquad \frac{4}{3}\pi $ $ \bigcirc \qquad None \ of \ these $	$\begin{array}{cccc} \bigcirc \frac{2}{3}\pi & \bigcirc \frac{3}{4}\pi \\ \bigcirc & \frac{3}{2}\pi & \bigcirc & \frac{5}{3}\pi \\ answers \ are \ correct. \end{array}$			
Question [sinm04] \clubsuit Solve the equation $\sin x = -\frac{\sqrt{3}}{2} (0 \le x \le 2\pi)$.							
$ \bigcirc 0 \\ \bigcirc \frac{5}{6}\pi \\ \bigcirc \frac{7}{4}\pi $	$ \begin{array}{cccc} & \frac{\pi}{6} & & \bigcirc \\ & \pi & & \bigcirc \\ & \frac{11}{6}\pi \end{array} $	$ \begin{array}{ccc} \frac{\pi}{4} & \bigcirc \\ \frac{7}{6}\pi & \bigcirc \\ \bigcirc & 2\pi \end{array} $	$ \frac{\pi}{3} \qquad \bigcirc \qquad \frac{\pi}{2} $ $ \frac{5}{4}\pi \qquad \qquad \boxed{\frac{4}{3}\pi} $ $ \bigcirc \qquad None \ of \ these$	$ \begin{array}{cccc} & \frac{2}{3}\pi & & \frac{3}{4}\pi \\ & \frac{3}{2}\pi & & \frac{5}{3}\pi \\ & answers \ are \ correct. \end{array} $			
Question [sinm	05] ♣ Solve the	equation sin	$x = -1 \left(0 \le x \le 2\pi \right)$				
$ \bigcirc 0 $ $ \bigcirc \frac{5}{6}\pi $ $ \bigcirc \frac{7}{4}\pi $	$ \begin{array}{cccc} & \frac{\pi}{6} & & \bigcirc \\ & \pi & & \bigcirc \\ & \frac{11}{6}\pi \end{array} $	$\begin{array}{ccc} \frac{\pi}{4} & \bigcirc \\ \frac{7}{6}\pi & \bigcirc \\ \bigcirc & 2\pi \end{array}$	$ \frac{\pi}{3} \qquad \bigcirc \qquad \frac{\pi}{2} $ $ \frac{5}{4}\pi \qquad \bigcirc \qquad \frac{4}{3}\pi $ $ \bigcirc \qquad None \ of \ these$	$ \bigcirc \frac{2}{3}\pi \qquad \bigcirc \frac{3}{4}\pi $ $ \blacksquare \frac{3}{2}\pi \qquad \bigcirc \frac{5}{3}\pi $ answers are correct.			
			$x = 1 (0 \le x \le 2\pi).$				
$ \begin{array}{ccc} \bullet & 0 \\ & \frac{5}{6}\pi \\ & & \frac{7}{4}\pi \end{array} $	$ \begin{array}{cccc} \bigcirc & \frac{\pi}{6} & \bigcirc \\ \bigcirc & \pi & \bigcirc \\ \bigcirc & \frac{11}{6}\pi \end{array} $	$ \begin{array}{ccc} \frac{\pi}{4} & \bigcirc \\ \frac{7}{6}\pi & \bigcirc \\ \bullet & 2\pi \end{array} $	$ \frac{\pi}{3} \qquad \bigcirc \qquad \frac{\pi}{2} $ $ \frac{5}{4}\pi \qquad \bigcirc \qquad \frac{4}{3}\pi $ $ \bigcirc \qquad None \ of \ these $	$\begin{array}{cccc} \bigcirc \frac{2}{3}\pi & \bigcirc \frac{3}{4}\pi \\ \bigcirc & \frac{3}{2}\pi & \bigcirc & \frac{5}{3}\pi \\ answers \ are \ correct. \end{array}$			
Question [cosp	02] \$ Solve the	equation cos	$x = \frac{\sqrt{3}}{2} \left(0 \le x \le 2\pi \right)$				
$ \bigcirc 0 \\ \bigcirc \frac{5}{6}\pi \\ \bigcirc \frac{7}{4}\pi $	$ \begin{array}{cccc} \bullet & \frac{\pi}{6} & \bigcirc \\ \bigcirc & \pi & \bigcirc \\ \bullet & \frac{11}{6}\pi \end{array} $	$ \begin{array}{ccc} \frac{\pi}{4} & \bigcirc \\ \frac{7}{6}\pi & \bigcirc \\ \bigcirc & 2\pi \end{array} $	$ \frac{\pi}{3} \qquad \bigcirc \qquad \frac{\pi}{2} \\ \frac{5}{4}\pi \qquad \bigcirc \qquad \frac{4}{3}\pi \\ \bigcirc \qquad None \ of \ these $	$\begin{array}{cccc} \bigcirc \frac{2}{3}\pi & \bigcirc \frac{3}{4}\pi \\ \bigcirc & \frac{3}{2}\pi & \bigcirc & \frac{5}{3}\pi \\ answers \ are \ correct. \end{array}$			
Question [cosp	03] \$ Solve the	equation cos	$x = \frac{1}{\sqrt{2}} \left(0 \le x \le 2\pi \right)$				
$ \bigcirc 0 \\ \bigcirc \frac{5}{6}\pi \\ \bullet \frac{7}{4}\pi $	$ \begin{array}{cccc} & \frac{\pi}{6} & \bullet \\ & \pi & \bigcirc \\ & \frac{11}{6}\pi \end{array} $	$ \begin{array}{ccc} \frac{\pi}{4} & \bigcirc \\ \frac{7}{6}\pi & \bigcirc \\ \bigcirc & 2\pi \end{array} $	$ \frac{\pi}{3} \qquad \bigcirc \qquad \frac{\pi}{2} $ $ \frac{5}{4}\pi \qquad \bigcirc \qquad \frac{4}{3}\pi $ $ \bigcirc \qquad None \ of \ these$	$\begin{array}{cccc} \bigcirc \frac{2}{3}\pi & \bigcirc \frac{3}{4}\pi \\ \bigcirc & \frac{3}{2}\pi & \bigcirc \frac{5}{3}\pi \\ answers \ are \ correct. \end{array}$			
Question [cosp	04] ♣ Solve the	equation cos	$x = \frac{1}{2} \left(0 \le x \le 2\pi \right).$				
$ \bigcirc 0 \\ \bigcirc \frac{5}{6}\pi \\ \bigcirc \frac{7}{4}\pi $	$ \begin{array}{cccc} & \frac{\pi}{6} & \bigcirc \\ & \pi & \bigcirc \\ & \bigcirc & \frac{11}{6}\pi \end{array} $	$ \begin{array}{ccc} \frac{\pi}{4} & \bullet \\ \frac{7}{6}\pi & \bigcirc \\ 0 & 2\pi \end{array} $	$ \frac{\pi}{3} \qquad \bigcirc \qquad \frac{\pi}{2} $ $ \frac{5}{4}\pi \qquad \bigcirc \qquad \frac{4}{3}\pi $ $ \bigcirc \qquad None \ of \ these$	$ \begin{array}{cccc} & \frac{2}{3}\pi & & \frac{3}{4}\pi \\ & \frac{3}{2}\pi & & \frac{5}{3}\pi \\ & answers \ are \ correct. \end{array} $			
Question [cosp05] \clubsuit Solve the equation $\cos x = 0 \ (0 \le x \le 2\pi)$.							
$ \bigcirc 0 $ $ \bigcirc \frac{5}{6}\pi $ $ \bigcirc \frac{7}{4}\pi $	$ \begin{array}{cccc} & \frac{\pi}{6} & & \bigcirc \\ & \pi & & \bigcirc \\ & \frac{11}{6}\pi \end{array} $	$ \begin{array}{ccc} \frac{\pi}{4} & \bigcirc \\ \frac{7}{6}\pi & \bigcirc \\ \bigcirc & 2\pi \end{array} $	$\frac{\pi}{3} \qquad \qquad \frac{\pi}{2}$ $\frac{5}{4}\pi \qquad \qquad \frac{4}{3}\pi$ $\qquad \qquad $	$ \bigcirc \frac{2}{3}\pi \qquad \bigcirc \frac{3}{4}\pi $ $ \blacksquare \frac{3}{2}\pi \qquad \bigcirc \frac{5}{3}\pi $ answers are correct.			

Question [cosm01] \clubsuit Solve the equation $\cos x = -\frac{1}{2} (0 \le x \le 2\pi)$.								
$ \bigcirc 0 \\ \bigcirc \frac{5}{6}\pi \\ \bigcirc \frac{7}{4}\pi $	$ \begin{array}{ccc} & \frac{\pi}{6} \\ & \pi \\ & \bigcirc \end{array} $	$\bigcap_{\frac{11}{6}\pi}$	$\frac{\frac{\pi}{4}}{6}\pi$	$ \bigcirc \\ \bigcirc \\ 2\pi $	$\frac{\frac{\pi}{3}}{\frac{5}{4}\pi}$	$ \bigcirc \frac{\pi}{2} $ $ \blacksquare \frac{4}{3}\pi $ None of these	$ \begin{array}{ccc} & \frac{2}{3}\pi \\ & \frac{3}{2}\pi \end{array} $ e answers are	$ \bigcirc \frac{3}{4}\pi $ $ \bigcirc \frac{5}{3}\pi $ correct.
Question [cosm02] \clubsuit Solve the equation $\cos x = -\frac{1}{\sqrt{2}} (0 \le x \le 2\pi)$.								
$ \bigcirc 0 \\ \bigcirc \frac{5}{6}\pi \\ \bigcirc \frac{7}{4}\pi $	$ \begin{array}{ccc} & \frac{\pi}{6} \\ & \pi \\ & \bigcirc \end{array} $	$\bigcap_{\frac{11}{6}\pi}$	$\frac{\frac{\pi}{4}}{6}\pi$	$ \bigcirc \\ \bullet \\ 2\pi $	$\frac{\pi}{3}$ $\frac{5}{4}\pi$	$ \begin{array}{c} \frac{\pi}{2} \\ \frac{4}{3}\pi \end{array} $ None of these	$\bigcap \frac{2}{3}\pi$ $\bigcap \frac{3}{2}\pi$ e answers are	$ \begin{array}{c} $
Question [cosm03	3] 👫	Solve the	equat	ion cos	x = -	$\frac{\sqrt{3}}{2} \left(0 \le x \le 2 \right)$	(π) .	
$ \begin{array}{c} \bigcirc 0 \\ \bullet \frac{5}{6}\pi \\ \bigcirc \frac{7}{4}\pi \end{array} $	$ \begin{array}{ccc} & \frac{\pi}{6} \\ & \pi \\ & \bigcirc \end{array} $	$\bigoplus_{\frac{11}{6}\pi}$	$\frac{\frac{\pi}{4}}{\frac{7}{6}\pi}$	$\mathop{\bigcirc}\limits_{\textstyle\bigcirc}\limits_{\textstyle2\pi}$	$\frac{\pi}{3}$ $\frac{5}{4}\pi$	$ \bigcirc \frac{\pi}{2} $ $ \bigcirc \frac{4}{3}\pi $ None of these	$\bigcap_{\frac{2}{3}\pi}$ $\bigcap_{\frac{3}{2}\pi}$ e answers are	$\bigcap_{\frac{3}{4}\pi} \pi$ $\bigcap_{\frac{5}{3}\pi}$ correct.
Question [tan01]	. S	olve the e	quatic	on $\tan x$	=0,	$(0 \le x \le 2\pi).$		
$ \begin{array}{c} \bullet 0 \\ \bigcirc \frac{5}{6}\pi \\ \bigcirc \frac{7}{4}\pi \end{array} $	$ \begin{array}{ccc} & \frac{\pi}{6} \\ & \pi \\ & \bigcirc \end{array} $	$\bigcap_{\frac{11}{6}\pi}$	$\frac{\frac{\pi}{4}}{\frac{7}{6}\pi}$	$ \bigcirc \\ \bigcirc \\ 2\pi $	$\frac{\frac{\pi}{3}}{\frac{5}{4}\pi}$	$ \begin{array}{c} \frac{\pi}{2} \\ \frac{4}{3}\pi \end{array} $ None of these	$\bigcap_{\frac{2}{3}\pi}$ $\bigcap_{\frac{3}{2}\pi}$ e answers are	$\bigcap_{\frac{3}{4}\pi} \pi$ $\bigcap_{\frac{5}{3}\pi}$ correct.
Question [tan02]	. S	olve the e	quatio	on $\tan x$	$t = \frac{1}{\sqrt{3}}$	$\frac{1}{5}, (0 \le x \le 2\pi)$		
$ \bigcirc 0 \\ \bigcirc \frac{5}{6}\pi \\ \bigcirc \frac{7}{4}\pi $	$ \begin{array}{ccc} & \frac{\pi}{6} \\ & \pi \\ & \bigcirc \end{array} $	$ \begin{array}{c} \bullet \\ \frac{11}{6}\pi \end{array} $	$\frac{\frac{\pi}{4}}{6}\pi$	$\mathop{\bigcirc}\limits_{2\pi}$	$\frac{\frac{\pi}{3}}{\frac{5}{4}}\pi$	$ \begin{array}{c} $	$ \bigcirc \frac{2}{3}\pi $ $ \bigcirc \frac{3}{2}\pi $ e answers are	$ \bigcirc \frac{3}{4}\pi $ $ \bigcirc \frac{5}{3}\pi $ correct.
Question [tan03]	. S	olve the ϵ	quatio	on $\tan x$	= 1,	$(0 \le x \le 2\pi).$		
$ \bigcirc 0 \\ \bigcirc \frac{5}{6}\pi \\ \bigcirc \frac{7}{4}\pi $	$ \begin{array}{ccc} & \frac{\pi}{6} \\ & \pi \\ & \bigcirc \end{array} $	$\bigcap_{\frac{11}{6}\pi}$	$\frac{\frac{\pi}{4}}{\frac{7}{6}\pi}$	$ \bigcirc \\ \bullet \\ 2\pi $	$\frac{\pi}{3}$ $\frac{5}{4}\pi$	$ \bigcirc \frac{\pi}{2} $ $ \bigcirc \frac{4}{3}\pi $ None of these	$\bigcap_{\frac{2}{3}\pi} \pi$ $\bigcap_{\frac{3}{2}\pi} \pi$ e answers are	$\bigcap_{\frac{3}{4}\pi} \pi$ $\bigcap_{\frac{5}{3}\pi}$ correct.
Question [tan04] \clubsuit Solve the equation $\tan x = \sqrt{3}, (0 \le x \le 2\pi).$								
$ \bigcirc 0 \\ \bigcirc \frac{5}{6}\pi \\ \bigcirc \frac{7}{4}\pi $	$ \begin{array}{ccc} & \frac{\pi}{6} \\ & \pi \\ & \bigcirc \end{array} $	$\bigcap_{\frac{11}{6}\pi}$	$\frac{\frac{\pi}{4}}{6}\pi$	$\begin{array}{c} \bullet \\ \bigcirc \\ 2\pi \end{array}$	$\frac{\pi}{3}$ $\frac{5}{4}\pi$	$ \bigcirc \frac{\pi}{2} $ $ \blacksquare \frac{4}{3}\pi $ None of these	$\bigcap_{\frac{2}{3}\pi} \pi$ $\bigcap_{\frac{3}{2}\pi} \pi$ e answers are	$ \bigcirc \frac{3}{4}\pi $ $ \bigcirc \frac{5}{3}\pi $ correct.
Question [tan05] Solve the equation $\tan x = -\sqrt{3}, (0 \le x \le 2\pi). $								
$ \bigcirc 0 \\ \bigcirc \frac{5}{6}\pi \\ \bigcirc \frac{7}{4}\pi $	$ \begin{array}{ccc} & \frac{\pi}{6} \\ & \pi \\ & \bigcirc \end{array} $	$\bigcap_{\frac{11}{6}\pi}$	$\frac{\frac{\pi}{4}}{6}\pi$	$\bigcirc \\ \bigcirc \\ 2\pi$	$\frac{\pi}{3}$ $\frac{5}{4}\pi$	$ \bigcirc \frac{\pi}{2} $ $ \bigcirc \frac{4}{3}\pi $ None of these	$ \begin{array}{ccc} & \frac{2}{3}\pi \\ & \frac{3}{2}\pi \end{array} $ e answers are	$ \bigcirc \frac{3}{4}\pi $ $ \bullet \frac{5}{3}\pi $ correct.

$ \bigcirc 0 \\ \bigcirc \frac{5}{6}\pi \\ \bullet \frac{7}{4}\pi $	\bigcap π	_	$\bigcirc \frac{5}{4}\pi$	$ \bigcirc \frac{\pi}{2} $ $ \bigcirc \frac{4}{3}\pi $ None of these	\bigcirc $\frac{3}{2}\pi$	$ \begin{array}{ccc} & \frac{3}{4}\pi \\ & \frac{5}{3}\pi \end{array} $ correct.	
Question [tan07] \clubsuit Solve the equation $\tan x = -\frac{1}{\sqrt{3}}, (0 \le x \le 2\pi).$							
	•	$\bigcirc \frac{7}{6}\pi$	$\bigcirc \frac{5}{4}\pi$	$ \begin{array}{c} $	$\bigcirc \frac{3}{2}\pi$	$ \begin{array}{ccc} & \frac{3}{4}\pi \\ & \begin{array}{cccc} & \frac{5}{3}\pi \\ & \end{array} $ correct.	

Question [tan06] \clubsuit Solve the equation $\tan x = -1, (0 \le x \le 2\pi).$