10 Apr. 2019

Calculus ex02

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Question 1 \clubsuit Solve the equation $\sin x = 0 \ (0 \le x \le 2\pi)$.						
$ \bigcirc \begin{array}{c} \bullet 0 \\ \bigcirc \frac{5}{6}\pi \\ \bigcirc \frac{7}{4}\pi \end{array} $	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{ccc} & \frac{\pi}{3} \\ & \frac{5}{4}\pi \\ & 2\pi \end{array}$	$ \bigcirc \frac{\pi}{2} $ $ \bigcirc \frac{4}{3}\pi $ None of these	$ \bigcirc \frac{2}{3}\pi $ $ \bigcirc \frac{3}{2}\pi $ e answers are	$\bigcap_{\frac{3}{4}\pi} \frac{3}{5}\pi$ $correct.$	
Question 2 Solve the equation $\sin x = -\frac{1}{2} (0 \le x \le 2\pi)$.						
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Question 3 • Solve the equation $\cos x = 1 \ (0 \le x \le 2\pi)$.						
$ \bigcirc 0 \\ \bigcirc \frac{5}{6}\pi \\ \bigcirc \frac{7}{4}\pi $	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{ccc} & \frac{\pi}{3} \\ & \frac{5}{4}\pi \end{array} $ $ 2\pi \qquad \bigcirc $	$ \bigcirc \frac{\pi}{2} $ $ \bigcirc \frac{4}{3}\pi $ None of these	$\bigcap_{\frac{2}{3}\pi} \frac{3}{2}\pi$ e answers are	$ \bigcirc \frac{3}{4}\pi $ $ \bigcirc \frac{5}{3}\pi $ $ correct. $	
Question 4 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}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{ccc} & \frac{\pi}{3} \\ & \frac{5}{4}\pi \\ \end{array}$	$ \bigcirc \frac{\frac{\pi}{2}}{\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 5 🌲	uestion 5 \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}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{ccc} & \frac{\pi}{3} \\ & \frac{5}{4}\pi \\ & 2\pi \end{array} $	$ \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}^{\frac{3}{4}\pi} $ correct.	