$\cos x = 0.5$

$-\pi \le x \le \pi$

$x = -\frac{\pi}{6}, -\frac{5\pi}{6}$

$\sin x = -0.5$

$-\pi \le x \le \pi$

$\tan x = -\sqrt{3}$

$0 \le x \le 2\pi$

$x = \frac{2\pi}{3}, \frac{4\pi}{3}$

$\cos x = -0.5$

$0 \le x \le 2\pi$

$x = \frac{9}{9}, \frac{11\pi}{9}$

$\tan x = \sqrt{3}$

$0 \le x \le 2\pi$

$\sin x = 0.5$

$0 \le x \le 2\pi$

$x = \frac{\pi}{6}, \frac{5\pi}{6}$

$\sin x = -\frac{\sqrt{3}}{2}$

$-\pi \le x \le \pi$

$x = -\frac{\pi}{3}, -\frac{2\pi}{3}$

$\cos x = -0.5$

$-\pi \le x \le \pi$

$x = \pm\frac{2\pi}{3}$

$\tan x = -1$

$-\pi \le x \le \pi$

$x = \frac{\pi}{4}, -\frac{\pi}{4}$

$\cos 2x = 0.5$

$0 \le x \le 2\pi$

$x = \frac{\pi}{6}, \frac{5\pi}{6}, \frac{7\pi}{6}, \frac{11\pi}{6}$

$\sin 2x = -0.5$

$0 \le x \le 2\pi$

$x = \frac{7\pi}{12}, \frac{19\pi}{12}, \frac{23\pi}{12}$

$\tan 2x = 1$

$0 \le x \le 2\pi$

$x = \frac{\pi}{8}, \frac{9}{8}, \frac{13\pi}{8}, \frac{5\pi}{6}, \frac{11}{6}$

$\cos 2x = -0.5$

$-\pi \le x \le \pi$

$x = -\frac{\pi}{12}, -\frac{5\pi}{12}, \frac{7\pi}{12}, \frac{11\pi}{12}$

$\sin 2x = 0.5$

$0 \le x \le 2\pi$

$x = \frac{\pi}{12}, \frac{5\pi}{12}, \frac{13\pi}{12}, \frac{17\pi}{12}$

$\tan 2x = -\sqrt{3}$

$0 \le x \le 2\pi$

$x = \frac{2\pi}{3}, \frac{5\pi}{3}$

$\cos 2x = -0.5$

$0 \le x \le 2\pi$

$x = \frac{9}{9}, \frac{11\pi}{9}$

$\sin 2x = 0.5$

$0 \le x \le 2\pi$

$x = \frac{\pi}{6}, \frac{5\pi}{6}, \frac{13\pi}{6}, \frac{17\pi}{6}$

$\cos x = 0.5$

$-\pi \le x \le \pi$

$x = \pm\frac{\pi}{3}$

$\tan x = -1$

$-\pi \le x \le \pi$

$x = \frac{3\pi}{4}, -\frac{\pi}{4}$

$\sin x = -0.5$

$-\pi \le x \le \pi$

$x = \pm\frac{2\pi}{3}$

$\cos x = -0.5$

$-\pi \le x \le \pi$

$x = -\frac{\pi}{3}, -\frac{2\pi}{3}$

$\sin x = 0.5$

$0 \le x \le 2\pi$

$x = \frac{\pi}{6}, \frac{5\pi}{6}, \frac{13\pi}{6}, \frac{17\pi}{6}$

$\cos 2x = 0.5$

$0 \le x \le 2\pi$

$x = \frac{9}{9}, \frac{11\pi}{9}, \frac{5\pi}{9}, \frac{7\pi}{9}$

$\sin 2x = -1$

$0 \le x \le 2\pi$

$x = \frac{\pi}{2}, \frac{3\pi}{2}$

$\tan 2x = 0$

$0 \le x \le 2\pi$

$x = 0, \pi, 2\pi$

$\sin x = 0$

$-\pi \le x \le \pi$

$\tan x = -1$

$-\pi \le x \le \pi$

$\cos x = -1$

$-\pi \le x \le \pi$

$x = \pm\pi$

$\sin x = \frac{5}{13}$. Given that x is an obtuse angle, $\cos x =$

$-\frac{12}{13}$

$\cos x = \frac{12}{13}$. Given that x is a reflex angle, $\tan x =$

$-\frac{12}{5}$

$\sin x = \frac{5}{13}$. Given that x is an obtuse angle, $\tan x =$

$-\frac{5}{12}$

$\cos x = \frac{12}{13}$. Given that x is an obtuse angle, $\sin x =$

$\frac{12}{13}$