$\sin 4x = 0,\ 0 \le x \le 360^\circ$

$0^\circ, 45^\circ, 90^\circ, 135^\circ, 180^\circ, 225^\circ, 270^\circ, 315^\circ, 360^\circ$

$\cos 3x = -1,\ 0 \le x \le 360^\circ$

$60^\circ, 180^\circ, 300^\circ$

$3\sin^2 x + \sin x = 0,\ 0 \le x \le 360^\circ$

$0^\circ, 180^\circ, 199^\circ, 341^\circ, 360^\circ$

$\tan 2x = 1,\ 0 \le x \le 360^\circ$

$-42.1^\circ, -2.88^\circ, 47.9^\circ, 87.1^\circ$

$\sin(x - 10) = -\frac{\sqrt{3}}{2},\ 0 \le x \le 360^\circ$

$250^\circ, 310^\circ$

$\cos(2x + 50) = -1,\ 0 \le x \le 360^\circ$

$65^\circ, 245^\circ$

$\tan(x + 75) = \sqrt{3},\ 0 \le x \le 360^\circ$

$165^\circ, 345^\circ$

$\sin(x - 30) = \frac{1}{2},\ 0 \le x \le 360^\circ$

$75^\circ, 165^\circ, 255^\circ, 345^\circ$

$\tan(3x + 25) = -0.51,\ -90^\circ \le x \le 180^\circ$

$-77.3^\circ, -17.3^\circ, 42.7^\circ, 103^\circ, 163^\circ$

$\cos(70 - x) = 0.6,\ -180^\circ \le x \le 180^\circ$

$16.9^\circ, 123^\circ$

$5\sin 4x + 1 = 0,\ -90^\circ \le x \le 90^\circ$

$22.5^\circ, 112.5^\circ, 202.5^\circ, 292.5^\circ$

$2\cos^2 x - \cos x - 1 = 0,\ 0 \le x \le 360^\circ$

$0^\circ, 120^\circ, 240^\circ, 360^\circ$

$2\cos^2 x - 5\cos x + 2 = 0,\ 0 \le x \le 360^\circ$

$60^\circ, 300^\circ$

$\cos 2x = \frac{1}{2},\ 0 \le x \le 360^\circ$

$30^\circ, 150^\circ, 210^\circ, 330^\circ$

$2\sin(x - 20) = 1,\ 0 \le x \le 360^\circ$

$50^\circ, 170^\circ$

$\tan(45 - x) = -1,\ 0 \le x \le 360^\circ$

$0^\circ, 270^\circ, 315^\circ, 225^\circ$

300°

$\tan\frac{1}{2}x = -\frac{1}{\sqrt{3}},\ 0 \le x \le 360^\circ$

$\sin(-x) = -\frac{1}{\sqrt{2}},\ 0 \le x \le 360^\circ$