$\tan 2x = 1$
$0° \le x \le 360°$

$\frac{1}{3}\sqrt{4}$

$x = 105°, 165°, 285°, 345°$

$x = -90°$

$\cos x = -1$
$-180° \le x \le 180°$

$x = 60°, 150°, 240°, 330°$

$\frac{4}{3}$

$\cos 2x = -0.5$
$0° \le x \le 360°$

$x = 210°, 330°$

$\cos x = -0.5$
$0° \le x \le 360°$

$x = -60°, -120°$

$\cos x = -0.5$
$-180° \le x \le 180°$

$\tan x = -1$
$-180° \le x \le 180°$

$\sin x = 0$
$0° \le x \le 360°$

$\sin 2x = -0.5$
$-180° \le x \le 180°$

$x = -120°, -30°, 60°, 150°$

$\cos 2x = -0.5$
$-180° \le x \le 180°$

$\tan x = -\sqrt{3}$
$-180° \le x \le 180°$

$\sin x = -\frac{\sqrt{3}}{2}$
$-180° \le x \le 180°$

Get more resources at www.mathssite.com

$x = 30°, 150°, 210°, 330°$

$x = 22.5°, 112.5°, 202.5°, 292.5°$

$x = -15°, -75°, 105°, 165°$

$x = \pm 180°$

$x = 15°, 75°, 195°, 255°$

$\cos 2x = 0.5$
$0° \le x \le 360°$

$x = 0°, 180°, 360°$

$\cos x = 0$
$0° \le x \le 360°$

$x = 60°, 240°$

$\tan 2x = -\sqrt{3}$
$-180° \le x \le 180°$

$\tan x = \sqrt{3}$
$0° \le x \le 360°$

$\tan x = -\sqrt{3}$
$0° \le x \le 360°$

$\sin x = -0.5$
$-180° \le x \le 180°$

$x = 135°, -45°$

$x = 60°, 300°$

$\sin x = -0.5$
$0° \le x \le 360°$

$x = \pm 120°$

$\cos x = -\frac{4}{5}$; *Given that x is an obtuse angle*, $\sin x =$

$x = -30°, -150°$

$\cos x = 0.5$
$-180° \le x \le 180°$

Get more resources at www.mathssite.com

$x = 30°, 150°$

$\sin 2x = 0.5$
$0° \le x \le 360°$

$-\frac{3}{5}$

$x = \pm 60°, \pm 120°$

$\tan 2x = -\sqrt{3}$
$0° \le x \le 360°$

$x = 120°, 240°$

$\sin x = \frac{4}{5}$. *Given that x is an obtuse angle, cos x =*

$x = 120°, 300°$

$\cos x = \frac{3}{5}$. *Given that x is a reflex angle, tan x =*

$x = \pm 60°$

$x = -60°, 120°$

$x = 90°, 270°$

$\sin x = \frac{4}{5}$. *Given that x is an obtuse angle, tan x =*

$x = 270°$

$\sin x = -1$
$0° \le x \le 360°$

$\sin x = -1$
$-180° \le x \le 180°$

$\cos x = 0.5$
$0° \le x \le 360°$

$\sin x = 0.5$
$0° \le x \le 360°$

$\frac{1}{3}$

$\sin 2x = -0.5$
$0° \le x \le 360°$

$x = 60°, 120°, 240°, 300°$

Get more resources at www.mathssite.com