





$$\cos x = 0$$

$$0^\circ \leq x \leq 360^\circ$$

$$\sec 2x = 2$$

$$0^\circ \leq x \leq 360^\circ$$

$$\cot 2x = -\frac{1}{\sqrt{3}}$$

$$-180^\circ \leq x \leq 180^\circ$$

$$\cot x = \frac{1}{\sqrt{3}}$$

$$0^\circ \leq x \leq 360^\circ$$

$$\cot x = \frac{1}{\sqrt{3}}$$

$$0^\circ \leq x \leq 360^\circ$$

$$\operatorname{cosec} x = -2$$

$$0^\circ \leq x \leq 360^\circ$$

$$\operatorname{cosec} x = -2$$

$$-180^\circ \leq x \leq 180^\circ$$

$$\operatorname{cosec} 2x = -2$$
$$0^\circ \leq x < 360^\circ$$

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

$$\operatorname{cosec} x = 2$$
$$0^\circ \leq x \leq 360^\circ$$

$$\sec x = 2$$
$$0^\circ \leq x \leq 360^\circ$$

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

$$\operatorname{cosec} x = -1$$
$$180^\circ \leq x \leq 360^\circ$$

$$\cot 2x = -\frac{1}{\sqrt{3}}$$
$$0^\circ \leq x \leq 360^\circ$$

$$\operatorname{cosec} x = -1$$
$$0^\circ \leq x \leq 360^\circ$$

$$\operatorname{cosec} 2x = 2$$
$$0^\circ \leq x \leq 360^\circ$$