Exact Values of Trigonometric Functions Using Radians

Using the special triangles write all the exact trig values using radians

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Find all the values $0 \le x \le 2\pi$ for which

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

$$\lim_{x \to \infty} x = -\frac{\sqrt{3}}{2}$$

$$\lim_{x \to \infty} x = \frac{1}{2}$$

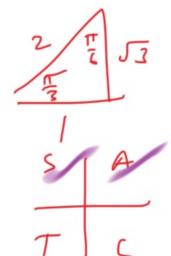
$$\cos x = \frac{1}{2}$$

$$\lim_{x \to \infty} x = \frac{1}{2}$$

Find all the values $0 \le x \le 2\pi$ for which

$$2\sin x - \sqrt{3} = 0$$

$$2\sin x - \sqrt{3$$



If $t = \tan \theta$ express in terms of t

 $tan(\pi - \theta)$

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+an(517+4)=t

If $t = \tan \theta$ express in terms of t

$$\cot(\frac{3\pi}{2} - \theta) = \frac{1}{1}$$

$$\frac{1}{2}$$

$$\frac{1}{2}$$

$$\frac{1}{2}$$

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