



Find Domain of

$$f(x) = \frac{1}{\sin(x)-1} + \sqrt{1-\cos^2 x}$$

$$= \frac{\sin(x)-1}{\sin(x)}$$

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I need to know the wive of sine where sin(x)=1.

X > T/2

x have to be greater than 11/2

Sine is periodic with a period of 27.

So I also need to restrict the esterminal angles

$$\left(\times > \frac{\pi}{2} \pm 2n\pi, n=0, 1, 2... \right)$$

