

Answer on Question #59339 – Math – Trigonometry

Just the answer please.

Question

Evaluate $\cos^{-1}\frac{1}{2}$.

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Answer: $\cos^{-1}\frac{1}{2} = \frac{\pi}{3}$ or 60° .

Question

How many solutions does $\tan^{-1}3$ have in the interval $[0, 2\pi)$?

Infinite

2

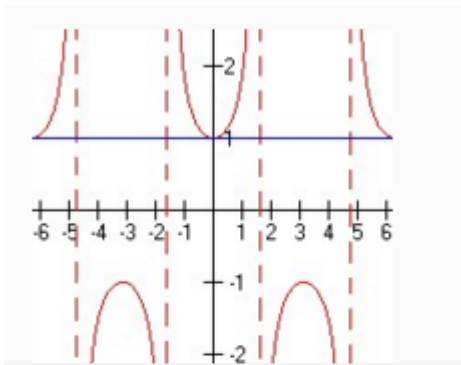
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Answer: $\tan^{-1}3$ has one solution in the interval $[0, 2\pi)$.

Question

Which equation is represented by the intersection of the graphs below?



$\csc x = 0$

$\sec x = 0$

$\csc x = 1$

$\sec x = 1$

Answer: $\sec x = 1$ is represented by the intersection of the graphs.