

How many values does $\cos^{-1}(\frac{1}{2})$ have?
To which set of numbers does $\cos^{-1}(\frac{1}{2})$ belong?
What is the domain of $\cos^{-1}(x)$?

To which set of numbers does $\cos^{-1}(0)$ belong?

To which set of numbers does $\cos^{-1}(\frac{\sqrt{2}}{2})$ belong?

To which set of numbers does $\cos^{-1}(\frac{\sqrt{3}}{2})$ belong?

To which set of numbers does $\cos^{-1}(\frac{1}{\sqrt{2}})$ belong?

To which set of numbers does $\cos^{-1}(\frac{1}{\sqrt{3}})$ belong?

What is the domain of $\cos^{-1}(x)$?

What is the range of $\cos^{-1}(x)$?

What is the period of $\cos^{-1}(x)$?

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