Please put down the domain and ranges for the inverses of secant, cosecant, and cotangent

Find the exact values of these functions

- $\cot^{-1}(-\sqrt{3})$

- $\csc\left(\cos^{-1}-\frac{\sqrt{3}}{2}\right)$

- $\csc^{-1}\left(\frac{-2\sqrt{3}}{3}\right)$

- $\tan^{-1}\left(\cot\frac{2\pi}{3}\right)$

- $\sec^{-1}(-2)$

- $\sin[\tan^{-1}(-3)]$

- $\sin(\cot^{-1}u)$

$$g^{-1}(F(\frac{7\pi}{4})) =$$

$f(x) = \sin x$

$g(x) = \cos x$

$h(x) = \tan x$

$$h(F^{-1}(-\frac{2}{5})) =$$

Use a calculator to calculate these functions up to two decimal places.

- $\cot^{-1}\left(-\frac{1}{2}\right)$

- $\sec^{-1}\left(-\frac{4}{3}\right)$

- $\csc^{-1}(5)$

- $\cot^{-1}(2)$

- $\sec^{-1}(-3)$

- $\csc^{-1}\left(-\frac{3}{2}\right)$