

Math 1613 - Trigonometry

Quiz #17 - 2011.10.13

Name: _____

1. State the *domains* and *ranges* of the three functions $\sin^{-1}(x)$, $\cos^{-1}(x)$ and $\tan^{-1}(x)$.

2. Evaluate exactly the expression $\tan\left(\cos^{-1}\left(\frac{1}{\sqrt{2}}\right)\right)$