

Name _____ Date _____

PreCalc H - 2 Quiz – angles 3

Show all WORK!

No calculators.

1. Given that $\sin \theta = \frac{5}{13}$ and $\frac{\pi}{2} \leq \theta \leq \frac{3\pi}{2}$. Determine all five other trigonometric relations.

2. Determine value of $\text{Cos}^{-1}\left(-\frac{\sqrt{2}}{2}\right)$ over interval $0 \leq \theta < 2\pi$.

Determine $\cos(\tan^{-1}(-\frac{3}{10}))$

Determine $\cos(\sin^{-1}(5))$

Determine $\cos(\sin^{-1}(-\frac{5}{8}))$