

Name : _____

Quotient and Reciprocal Identities

Sheet 1

1) If $\csc x = -\frac{9}{7}$, find $\sin x$.

2) If $\sin x = \frac{12}{13}$ and $\cos x = \frac{5}{13}$,
find $\tan x$.

3) If $\sec x = \frac{\sqrt{7}}{2}$, find $\cos x$.

4) If $\cot x = \frac{63}{16}$ and $\sin x = \frac{16}{65}$,
find $\cos x$.

5) If $\sec x = \frac{61}{11}$ and $\tan x = \frac{60}{11}$, determine the values of other trigonometric functions.