

Name _____

Date _____

Applying Trigonometric Identities - Independent Practice Worksheet

Complete all the problems.

1. If $\cos \beta = 4/6$, then what is the value of $\sin \beta$?
2. If $\sec x = 48$, what is the value of $\sin x$? Rounded to the nearest hundredth.
3. If $\tan \beta = 7/8$, then what is the value of $\cos \beta$? Rounded to the nearest hundredth.
4. If $\tan x = 14$, what is the value of $\cot x$?
5. If $\operatorname{cosec} x = 4$, what is the value of $\tan x$?
6. If $\sin \beta = 3/5$, then what is the value of $\tan \beta$?
7. If $\cot x = 6$, what is the value of $\sin x$?
8. If $\tan x = 2$, what is the value of $\operatorname{cosec} x$?
9. If $\sin \beta = 7/9$, then what is the value of $\cos \beta$? Rounded to the nearest hundredth.
10. If $\tan \beta = 6/7$, then what is the value of $\sin \beta$? Rounded to the nearest hundredth.

