

Name _____

Date _____

Applying Trigonometric Identities - Guided Lesson

Complete the following problems:

1) If $\tan x = 12$, what is the value of $\sin x$?

Rounded to the nearest hundredth.

- a) 0.48
- b) 0.85
- c) 0.55
- d) 0.99

2) If $\tan \beta = 8/4$, then what is the value of $\cos \beta$?

Rounded to the nearest hundredth.

- a) 0.25
- b) 0.50
- c) 0.40
- d) 0.50

3) If $\cos \beta = 2/4$, then what is the value of $\sin \beta$?

Rounded to the nearest hundredth.

- a) 0.20
- b) 0.60
- c) 0.40
- d) 0.80

