Name _____ Date _____

Applying Trigonometric Identities - Matching Worksheet

Write the letter of the answer that matches the problem.

_____	1. If cos ß = 4/6, then what is the value of tan ß? Rounded to the nearest hundredth.	a.	0.58
_____	2. If cot x = 20, what is the value of sec x? Rounded to the nearest hundredth.	b.	0.99
_____	3. If tan ß =3/6, then what is the value of sin ß? Rounded to the nearest hundredth.	c.	1.11
_____	4. If tan x = 13, what is the value of sec x?	d.	0.14
_____	5. If cos ß =4/6, then what is the value of tan ß? Rounded to the nearest hundredth.	e.	1
_____	6. If sec x = 11, what is the value of sin x?	f.	0.50
_____	7. If sin ß =5/6, then what is the value of cos ß? Rounded to the nearest hundredth.	g.	0.05
_____	8. If cosec x = 7, what is the value of tan x?	h.	1.11
_____	9. If sin ß =3/6, then what is the value of tan ß? Rounded to the nearest hundredth.	i.	0.55
_____	10. If tan x = 18, what is the value of cos x? Rounded to the nearest hundredth.	j.	13