

PreCalculus Identity Quiz *practice*

Name _____

Date _____

Period _____

1. $\tan\left(\frac{\pi}{2} - x\right) =$

2. $\cos(a+b) =$

3. $\sin(a+b) =$

4. $\sin(2x) =$

5. Quotient Identity:
 $\cot(x) =$

6. $\tan(a+b) =$

7. Power Reduction
 $\sin^2 x =$

8. $\cos(a-b) =$

9. Reciprocal Identity:
 $\sec(x) =$

10. $\sin(a-b) =$

11. $\cos(2x) =$

12. $\sin(-x) =$

13. $\tan(a-b) =$

14. Power Reduction
 $\cos^2 x =$

15. $\cos(-x) =$

16. $\tan(2x) =$

17. $\sec\left(\frac{\pi}{2} - x\right) =$

18. Pythagorean identity (1)

19. Pythagorean identity (2)

20. Pythagorean identity (3)

21. $\tan^2 x =$
(Power Reduction)

22. $\sec^2 \theta - 1 =$