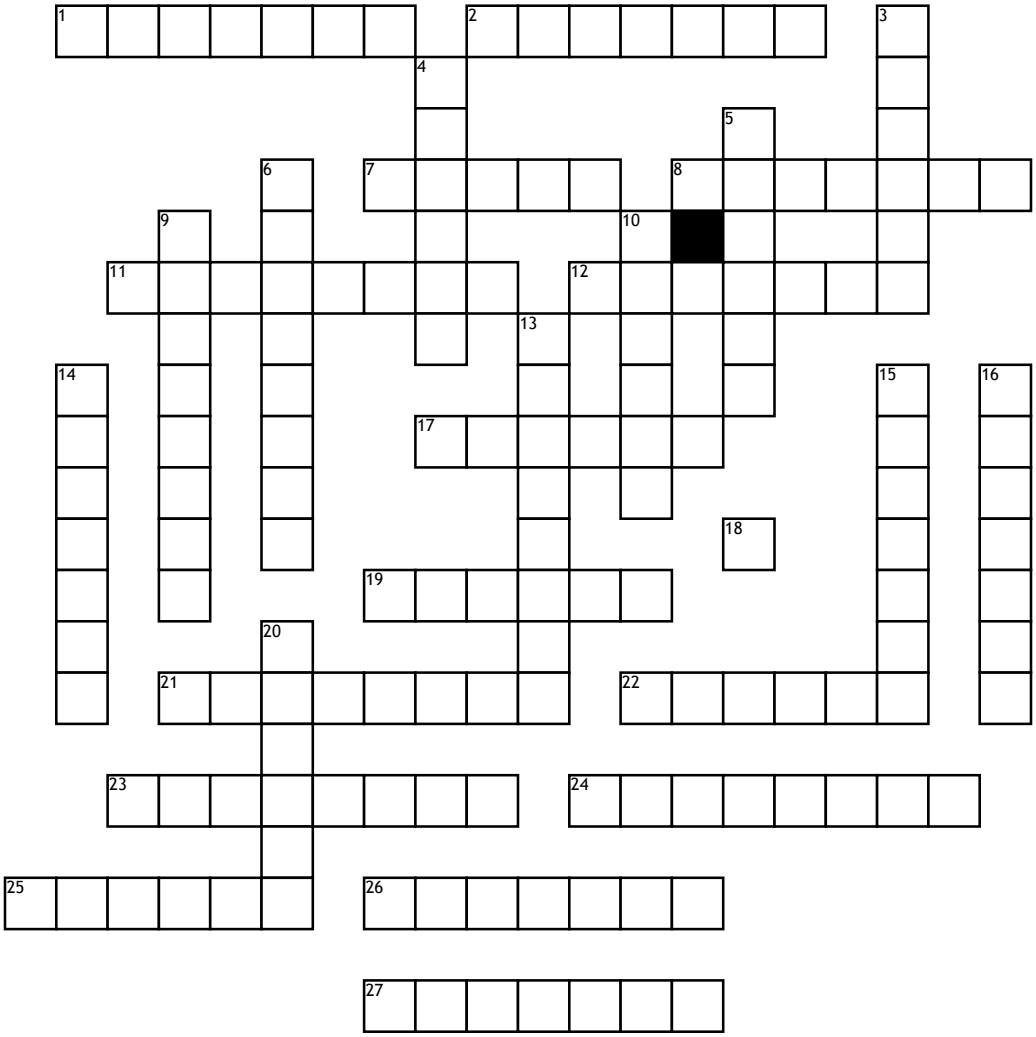
Name: _____ Date: _____

Trig Identities



Across

1. 1 - sin^2(x)=
2. 2sin(u)cos(u)=
7. cot^2(x) + 1=
8. cos^2(x) - sin^2(x)=
11. sin(x)=
12. cos(u)cos(x) + sin(u)sin(v)=
17. sin(pi/2 -x)=
19. sec(-x)=
21. cos(u)cos(x) - sin(u)sin(v)=
22. sin(-x)=
23. sin(u)cos(v) + cos(u)sin(v)=
24. 1 + tan^2(x)=
25. sec(pi/2 -x)=
26. sin(u)cos(v) - cos(u)sin(v)=
27. cot(x)=

Down

3. tan(-x)=
4. cos(-x)=
5. tan(pi/2 -x)=
6. cos(x)=
9. sec(x)=
10. cot(-x)=
13. csc(x)=
14. tan(x)=
15. 2tan(x)/1 - tan^2(x)=
16. 2cos^2(x) - 1=
18. cos^2 + sin^2=
20. csc(-x)=

Word Bank

sec^2(x)	sin(u-v)	cos(x)	sec(x)	1/sec(x)	cot(x)	csc^2
sin2(x)	-tan(x)	sin/cos	cot(x)	cos2(x)	cos/sin	-csc(x)
-sin(x)	1	1/sin(x)	cos2(x)	tan2(x)	cos(u+v)	cos2(x)
1/cos(x)	cos(u-v)	cos(x)	sin(u+v)	csc(x)	1/csc(x)	