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Trig Identities

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| **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)= |

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