5.1A HW Jesday, January 14, 2014 2:14 PM p. 451) 9, 10, 12-14, 18, 20, 21 9 Sinx (0 1 (12) COSU (13) tan2x 201 ASINO 18 1 (2) 1 $\frac{|+ \tan^2 x|}{\operatorname{CSC}^2 x} = \frac{\operatorname{Sec}^2 x}{\operatorname{CSC}^2 x} = \frac{1}{\operatorname{Cos}^2 x} = \frac{1}{\operatorname{Cos}^2 x} = \frac{1}{\operatorname{Cos}^2 x}$ (|3) $= \frac{1}{\cos^2 x} \cdot \frac{\sin^2 x}{1}$ $= \frac{\sin^2 x}{\cos^2 x} = \tan^2 x$ $1 \sin^{2}(-x) + \cos^{2}(-x)$ Sin(-x)Sin(-x) + COS(-x)COS(-x)-SINX - SINX + COSX · COSX $Sin^2 X + CbS^2 X = (1)$ 51n2x + cos2x =1 $(f) I - COS^{2}\theta = Sin^{2}\theta = Sin\theta$ $-COS^2X - COS^2X$ $\sin^2 \chi = |-\cos^2 \chi$