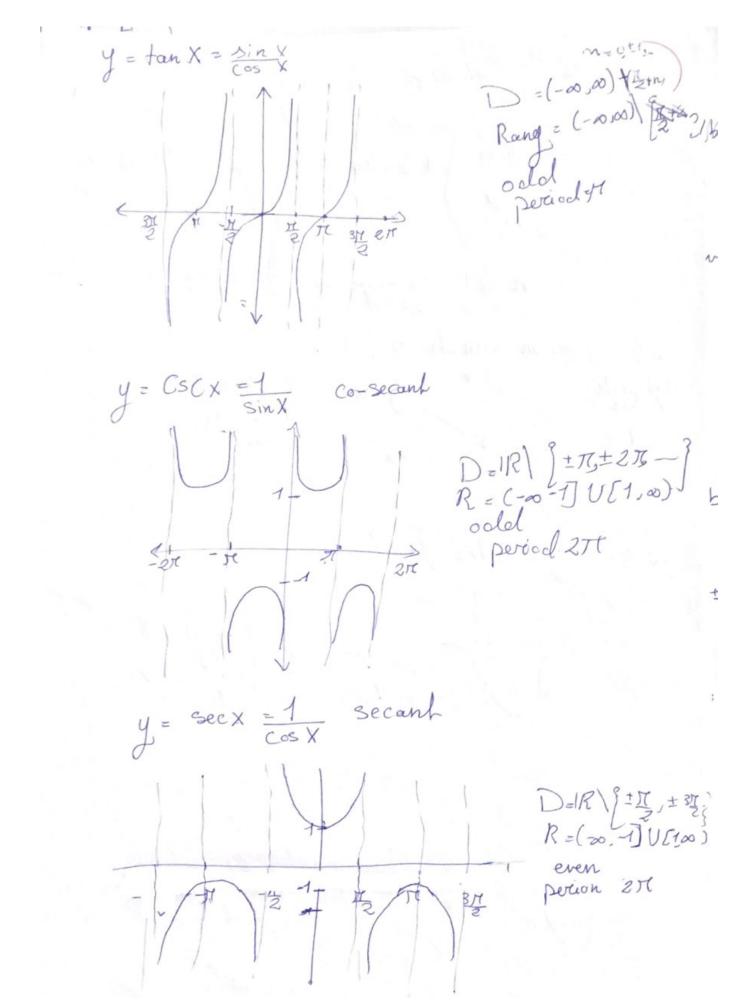
1 Chap 7: Review of Runctions A function fi is a Rule That assignes to Jeach point x in The Domain a unique point "image" y fex) in the Range R Domain Ranel, Rex VL test : To know weither The diagram is a function ar not-How to know d? Known Runctions 1)=(-00,00) Absolute -y=1x1 $R = [0,\infty)$ even Trigonometric Gunctions y= sin X D=(-00,00)= 1R π³π 1 R = [-1, 1] odd 'Sin(-X) = - sin(X) 217 HN Jeriod 21T y=CosX DJR Range : [-1, 7] even Cos(-x)= Cos(x) period 2 Th IL



$$\begin{aligned} y &= \operatorname{Cot} x = \underbrace{\operatorname{Can} x}_{3 \text{ in } X} \\ &= \underbrace{\operatorname{Cot} x}$$

Composite "o" (0,0) = f(g(x)) $log(x) \neq (gol)(x)$