$\frac{f(x)-\sqrt{x+1}}{\sqrt{x-2}} \quad g(x)=\sqrt{x+1}$ O< X+1 and X-2 O< X+1 {x1 x>2} {x x<-2 crel x>25 Handout B 12x1-4<x<-2 and -15x<35 {71-3< Y<4} 8) No, because the output, domain and range have to be the same and for is undefined at 3 where 4(x) isn't 9 Yes, because if x # 2 and 6 the chart remains is the same (1) C because this is the only one wher it is andefinal at X=1 -12 @ The height of a tree at 10 years do 6 50 = -0.0038 + 0:1378 +0.4586 -0.835 £: 25.3876, 37.8940 (c) Dy looking at my calculator the shamon and rung usuals be exix GR3/YIYEYERS

but realistically it would be LXIIQUEXX = 48000 and LY105YS 53.7763 broause time cont be negative and height count be negative. 14) LX105X543