1.5 Combinations of Functions Day 2  $9(f_{x}) = \frac{1}{2}(t_{x}+3)-3)$ =  $\frac{1}{2}(2x)$ = x<u>I. Find f</u>  $\cdot$  g and g  $\cdot$ f. Are they equal? Ex1) f(x) = (2x + 3) and g(x) = (.5(x - 3))#(g(x))= II. Find two functions f and g such that  $(f \cdot g)(x) = h(x)$ Ex 2) h(x) = (3x - 5)<sup>3</sup> - (6x) F(x) = x 9(x)=3x-5

