22nd july 22 July 2021 11:04 Misc. $(2^2, 2C[0,3]$ 3x, 2C[3,10]3(2) = 6f(x) -> feinction.
g(x) -> relation. f+g = x+1+2x-3f-g = (x+1)-(2x-3)= -x+4 $\frac{1}{9} = \frac{2x+1}{2x-3}$ f(x) = axtbI, Z -, entegers $f = \{ (1,1), (2,3), (0,-1), (-1,-3) \}$ 1= a(1)+b/ 3 = a(2) + ba = 2, b = -1 $(i) |a=b^2|$ $(a,a) \Rightarrow a=a^2$ a = 0, 1Not true (Not true) = a+6 > a+b=-3 x=ab=2a = 1, b = 2 $\frac{1}{\chi = ab} = 2, a+6=3.$ Not a function $f_{o}(A) \rightarrow N$ f(n) = highest prime factor of n. f(9) = 3f(10) = 5 f(11) = 11 f(12) = 3f(13)=13 $f = \left\{ (9,3), (10,5), (11,11), (12,3), (13,13) \right\}$ Range = {3, 5, 11, 13.}