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               Mim = 24552010 48
                Matematika diskrit
           (A) tentukon (FOG) (x), (90F) (1) lucy
                    = Fog(x) = F(g(x)) = F(x+3)
                                                                                                         = (x+3)2-4
                                                                                                           = (x2+6x+9)-4
                                                                                                             = x2 + 6x +5
                     = 90F(1) = 9(F(1)) = 9(12-4)
                                                                                                            = 9 (-3)
                                                                                                             = -3+3 = 0
21 F(x)=x2-x-6, 9(x)=x2+2
           = fog(x) = f(g(x)) = f(x2+2)
                                                                                                        = (x2 + 2)2 - (x2+2) - 6
                                                                                                          = x4 + 4x2 + 4 - x2 - 2 - 6
             = gof (1) = 9 (f(1)) = 9 (1^2 - 1 - 6)
                                                                                                             = 9(-6)
                                                                                                              = (-6)2+2
        3) F(x) = \frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fir}\f{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{
               = FOG (x) = F(2x-6) = (2x-6)-1 = 2 (311)+5)-6
                                                                                                                            3(2x-6)+5 = 2(0)-6
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6x-18+5 6x-13 = 2-0-6 = -6

$$= F(X-2) = 3(X-2) + 7 = 3X - 6 + 7 = 3X + 1$$

2).
$$F(x) = x^2 + x - 12$$

$$= F(x-2) = (x-2)^2 + (x-2) - 12$$

$$= F(u) = 6-5(u-3)$$

= f(4) = 4 (4+7)-3

2) F (2x-7) = 4x-3