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Georgia Sigisandhea - 535230080 - TIPEB
        1. 2=5
           a. P(x=10) = P(x 410) - P(x 49)
                           : 0,9863 - 0,9682
80000
                            = 0,0181
           b. P(x >15) = 1 - P(x < 14)
                            1 - 0,9898
                            : 6.0002
           c. P(x = 0) = 0,0067
           d. P( 4 = x = 12) = P(x = 12) - P(x = 3)
                                 - 6,9980 - 0,2650
000000000
                                  = 0,733
       2. Selisih nilar maxdan min fungsi f(x): \frac{1}{3} x \frac{3}{4} \frac{3}{3} x \frac{2}{3} - 9 x, interval 0 \le x \le 3
          f'(x) = 1.3x2 + 3 .2x - 9
                  = x^2 + 3x - 9
                   x = -\frac{3 \pm \sqrt{3^2 - 4 \cdot 1 \cdot (-9)}}{2 \cdot 1}
                     = - 3 + \ \ 9 + 36
                       = - 3 + Jas = -3 + 3 5 V -3-3 /3
                                       = x = 1,854 Vx2-4,854
 UGI
            f(-4,854) = 3 (-4,854) 3+ 3 (-4,854) = 40,806
             f(0) = \frac{1}{3}(0)^{8} + \frac{3}{2}(0)^{2} - g(0) = 0

f(1,854) = \frac{1}{3}(1,054)^{3} + \frac{3}{2}(1,054)^{2} - g(1,054) = -9,406
              f(3) = 1 (3) 3+ 3 (3) 2 - 9 (3) = - 4,5
            max = f(-4,854) = 40,906 } solisih . 40,906 - (-9,406) min = f(1,854) = -9,406 } = 50,312
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