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PTA Malto 5th Model.
 1. d. Quadratic.
 2. a. 0,1,8
 3. C. 31m.
 A. a. 94
 6 a.2x3
                      14.6.0 < P(A) < 1.
7. d. 15 cm.
15) A= {1,2,3,4}; B=N={1,2,3,4,...}
     f(x) = 22
  .: f(1) = 12=1; f(3) = 32= 9
     f(2) = 2 = 4 ; f(4) = 42 = 16.
 : f = { (1,0), (2,4), (3,9), (4,16)}
 (i) Range of f = { 1, 4, 9, 16}
(ii) : Every element in A has different element in B. it is an one-one function.
16). It a, b, c are in an AP.
    Then at c = 26.
  - 3+K+5K+1= 2(18-K)
         6K+4 = 36 - 2K
          6K-2K = 36-4
             4K = 32
               K = 32 = 8.
= -7, (-7)6, (-7)62, ...
         =-7, -42, -252, ...
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