

19 29 119 11

$$(\text{مجموعه } n) = n + \frac{n(n+1)}{2} - n = \frac{n(n+1)}{2}$$

$$a_1 = 10 + \frac{10 \times 11}{2} = 10 + 55 = 65$$

0, 1, 1<sup>u</sup>, ...

$$\frac{n(n+1)}{2} \cdot \frac{u^2 du}{u^2} = \frac{1 \times 2}{2} = 1 \text{ cc} \rightarrow (n-1) \rightarrow \frac{(n-1)(n+1-1)}{2}$$

$$C_{25}^{20} = \frac{n(n-1)}{2}$$

$$t_n = \omega\omega = \frac{n(n-1)}{r} \rightarrow 110 = \frac{n(n-1)}{r} \rightarrow \underline{n=11}$$

$$\begin{array}{l}
 \text{حالت اول} \rightarrow 1 + \epsilon n \\
 \text{حالت دوم} \rightarrow \epsilon(n-1)
 \end{array}
 \left. \begin{array}{l} \\ \\ \end{array} \right\} \text{Hae} \left\{ \begin{array}{l} 1 + \epsilon(n) = \epsilon n \\ \epsilon(n-1) = \epsilon n \end{array} \right\} \rightarrow \begin{array}{l} \epsilon + \epsilon n = 1 n \\ n + \epsilon n = 1 n \end{array}$$

ع - دینار و مائت

$$\frac{3}{2} = (-1) \rightarrow \frac{1}{3} \rightarrow \frac{1}{6} \rightarrow \frac{1}{12} \rightarrow \frac{1}{24} \rightarrow \frac{1}{48} \rightarrow \frac{1}{96} \rightarrow \frac{1}{192} \rightarrow \frac{1}{384} \rightarrow \frac{1}{768} \rightarrow \frac{1}{1536} \rightarrow \frac{1}{3072} \rightarrow \frac{1}{6144} \rightarrow \frac{1}{12288} \rightarrow \frac{1}{24576} \rightarrow \frac{1}{49152} \rightarrow \frac{1}{98304} \rightarrow \frac{1}{196608} \rightarrow \frac{1}{393216} \rightarrow \frac{1}{786432} \rightarrow \frac{1}{1572864} \rightarrow \frac{1}{3145728} \rightarrow \frac{1}{6291456} \rightarrow \frac{1}{12582912} \rightarrow \frac{1}{25165824} \rightarrow \frac{1}{50331648} \rightarrow \frac{1}{100663296} \rightarrow \frac{1}{201326592} \rightarrow \frac{1}{402653184} \rightarrow \frac{1}{805306368} \rightarrow \frac{1}{1610612736} \rightarrow \frac{1}{3221225472} \rightarrow \frac{1}{6442450944} \rightarrow \frac{1}{12884901888} \rightarrow \frac{1}{25769803776} \rightarrow \frac{1}{51539607552} \rightarrow \frac{1}{103079215104} \rightarrow \frac{1}{206158430208} \rightarrow \frac{1}{412316860416} \rightarrow \frac{1}{824633720832} \rightarrow \frac{1}{1649267441664} \rightarrow \frac{1}{3298534883328} \rightarrow \frac{1}{6597069766656} \rightarrow \frac{1}{13194139533312} \rightarrow \frac{1}{26388279066624} \rightarrow \frac{1}{52776558133248} \rightarrow \frac{1}{105553116266496} \rightarrow \frac{1}{211106232532992} \rightarrow \frac{1}{422212465065984} \rightarrow \frac{1}{844424930131968} \rightarrow \frac{1}{1688849860263936} \rightarrow \frac{1}{3377699720527872} \rightarrow \frac{1}{6755399441055744} \rightarrow \frac{1}{13510798882111488} \rightarrow \frac{1}{27021597764222976} \rightarrow \frac{1}{54043195528445952} \rightarrow \frac{1}{108086391056891904} \rightarrow \frac{1}{216172782113783808} \rightarrow \frac{1}{432345564227567616} \rightarrow \frac{1}{864691128455135232} \rightarrow \frac{1}{1729382256910270464} \rightarrow \frac{1}{3458764513820540928} \rightarrow \frac{1}{6917529027641081856} \rightarrow \frac{1}{13835058055282163712} \rightarrow \frac{1}{27670116110564327424} \rightarrow \frac{1}{55340232221128654848} \rightarrow \frac{1}{110680464442257309696} \rightarrow \frac{1}{221360928884514619392} \rightarrow \frac{1}{442721857769029238784} \rightarrow \frac{1}{885443715538058477568} \rightarrow \frac{1}{1770887431076116955136} \rightarrow \frac{1}{3541774862152233910272} \rightarrow \frac{1}{7083549724304467820544} \rightarrow \frac{1}{14167099448608935641088} \rightarrow \frac{1}{28334198897217871282176} \rightarrow \frac{1}{56668397794435742564352} \rightarrow \frac{1}{113336795588871485128704} \rightarrow \frac{1}{226673591177742970257408} \rightarrow \frac{1}{453347182355485940514816} \rightarrow \frac{1}{906694364710971881029632} \rightarrow \frac{1}{1813388729421943762059264} \rightarrow \frac{1}{3626777458843887524118528} \rightarrow \frac{1}{7253554917687775048237056} \rightarrow \frac{1}{14507109835375550096474112} \rightarrow \frac{1}{29014219670751100192948224} \rightarrow \frac{1}{58028439341502200385896448} \rightarrow \frac{1}{116056878683004400771792896} \rightarrow \frac{1}{232113757366008801543585792} \rightarrow \frac{1}{464227514732017603087171584} \rightarrow \frac{1}{928455029464035206174343168} \rightarrow \frac{1}{1856910058928070412348686336} \rightarrow \frac{1}{3713820117856140824697372672} \rightarrow \frac{1}{7427640235712281649394745344} \rightarrow \frac{1}{14855280471424563298789490688} \rightarrow \frac{1}{29710560942849126597578981376} \rightarrow \frac{1}{59421121885698253195157962752} \rightarrow \frac{1}{118842243771396506390315925504} \rightarrow \frac{1}{237684487542793012780631851008} \rightarrow \frac{1}{475368975085586025561263702016} \rightarrow \frac{1}{950737950171172051122527404032} \rightarrow \frac{1}{1901475900342344102245054808064} \rightarrow \frac{1}{3802951800684688204490109616128} \rightarrow \frac{1}{7605903601369376408980219232256} \rightarrow \frac{1}{15211807202738752817960438464512} \rightarrow \frac{1}{30423614405477505635920876929024} \rightarrow \frac{1}{60847228810955011271841753858048} \rightarrow \frac{1}{121694457621910022543683507716096} \rightarrow \frac{1}{243388915243820045087367015432192} \rightarrow \frac{1}{486777830487640090174734030864384} \rightarrow \frac{1}{973555660975280180349468061728768} \rightarrow \frac{1}{1947111321950560360698936123457536} \rightarrow \frac{1}{3894222643901120721397872246915072} \rightarrow \frac{1}{7788445287802241442795744493830144} \rightarrow \frac{1}{15576890575604482885591488987660288} \rightarrow \frac{1}{31153781151208965771182977975320576} \rightarrow \frac{1}{62307562302417931542365955950641152} \rightarrow \frac{1}{124615124604835863084731911901282304} \rightarrow \frac{1}{249230249209671726169463823802564608} \rightarrow \frac{1}{498460498419343452338927647605129216} \rightarrow \frac{1}{996920996838686904677855295210258432} \rightarrow \frac{1}{1993841993677373809355710590420516864} \rightarrow \frac{1}{3987683987354747618711421180841033728} \rightarrow \frac{1}{7975367974709495237422842361682067456} \rightarrow \frac{1}{15950735949418990474845684723364134912} \rightarrow \frac{1}{31901471898837980949691369446728269824} \rightarrow \frac{1}{63802943797675961899382738893456539648} \rightarrow \frac{1}{127605887595351923798765477786913079296} \rightarrow \frac{1}{255211775190703847597530955573826158592} \rightarrow \frac{1}{510423550381407695195061911147652317184} \rightarrow \frac{1}{1020847100762815390390123822295304634368} \rightarrow \frac{1}{2041694201525630780780247644590609268736} \rightarrow \frac{1}{4083388403051261561560495289181218537472} \rightarrow \frac{1}{8166776806102523123120990578362437074944} \rightarrow \frac{1}{16333553612205046246241981156724874149888} \rightarrow \frac{1}{32667107224410092492483962313449748299776} \rightarrow \frac{1}{65334214448820184984967924626899496599552} \rightarrow \frac{1}{130668428897640369969935849253798993199104} \rightarrow \frac{1}{261336857795280739939871698507597986398208} \rightarrow \frac{1}{522673715590561479879743397015195972796$$

در عشق ما هر چه ظهور می یویم در به غفرت یک می شود پس بزرگ می شود

درشت ها هر چه جلوس روح در دبه فرو تریک ترس شود پس کدک ی شود

$$b_v = (-v)^v - v(+v) = -v^v - v^1 = -191$$

$$a_n = -\omega_n + \gamma \gamma_2 = -\varepsilon_1 \rightarrow -\omega_n = -v \rightarrow \underline{n = 18 = K}$$

$$a_1 - a_v = 12 \rightarrow a_1 + 9d - a_1 - 7d = 12 \rightarrow d = 3$$

$$t_4 - t_1 = t_1 + \omega d - t_1 = \omega d = \omega(\varepsilon) \in \mathcal{V}_i$$

$$\left. \begin{aligned} a_r &= a + d = v \\ a_s &= a + r d = 12 \end{aligned} \right\} \rightarrow d = \varepsilon \left\{ a = \mu \right\} \begin{matrix} a_1, a^\mu \rightarrow \\ \uparrow \quad \quad \downarrow \\ \mu \quad \quad 11 \end{matrix}$$

$$\underline{b_1 = r}$$

$$b_r = b_1 + d = 11 \rightarrow d = 1$$

$$3, 11, 19, 27, \dots \rightarrow b_n$$

# SARTI

Subject:

Year:

Month:

Date:

$$\frac{5n-1}{r n+1} < \frac{r}{r}$$

$$5n-1 < 4n+1$$

$$n < 2$$

$$a+b+c=4$$

$$2a+rb+c=4$$

$$4a+rb+c=4$$

$$\left. \begin{array}{l} \rightarrow 3a+b=3 \\ \rightarrow 2a+b=0 \end{array} \right\}$$

$$\rightarrow 3a=-3 \rightarrow a=-\frac{3}{r} \left\{ b=\frac{10}{r} \right\} c=0$$

$$4ab = 3A + 2B = \left( 3 \times \frac{-3}{r} \right) + \left( 2 \times \frac{10}{r} \right) = \frac{-9}{r} + \frac{20}{r} = \frac{11}{r} = \frac{11}{r}$$

$$a+b+c=-4$$

$$2a+rb+c=4$$

$$4a+rb+c=0$$

$$\left. \begin{array}{l} \rightarrow 3a+b=2 \\ \rightarrow 2a+b=4 \end{array} \right\} \rightarrow 3a=2 \rightarrow a=\frac{2}{r} \left\{ b=-1 \right\} c=-4$$

$$f_n \text{ or } d_n = n^r - n - 4$$

$$a_1 = a_1 + d = 1$$

$$a_2 = a_1 + rd = 1$$

$$\left. \begin{array}{l} rd=1 \rightarrow d=1 \end{array} \right\} a_1 = 1$$

$$a_n = 1 + (n-1)d$$

$$n^r - n - 4 = 1 + (n-1)d$$

$$n^r - n - 4 = 1 + d(n-1) \rightarrow n^r - 9n = 17 \rightarrow n=4$$

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