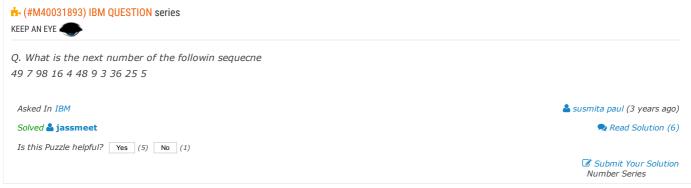




Placement Questions / IBM

IBM Placement Papers with Solution: Solved Question Page 9





First Make group of three: (49,7,98)(16,4,48) (9,3,36) (25,5,x) In First Group : 49*2 = 98 In 2nd Group : 16*3 = 48 In 3rd Group : 9*4 = 36 Similarly, In 4th Group : 25*5 = 125 hence 125 Ans Is this solution Helpfull? Yes (32) | No (2)





```
HIMANSHI TRIVEDI (3 YEARS AGO)

49*2=98
16*3=48
9*4=36
25*5=125(ans)

Is this solution Helpfull? Yes (1) | No (2)
```

```
-POTLAPALLI MOUNIKA (3 YEARS AGO)-
              49 16 9 25
              7435
              98 48 36 60
              12*5=60
                                                                                                                                Is this solution Helpfull? Yes (1) | No (1)
MEGHASHREE DAS (1 YEAR AGO)
              125
              5^2=25
              25*5=125
                                                                                                                                      Is this solution Helpfull? Yes | No
 ♣ (#M40031810) IBM QUESTION
 KEEP AN EYE 🛑
 Q. What is the next number of the following sequecne
 1.8,3,0,6,2.5,5,0.5,3.4,2,1.7,4.8,6,?
  Asked In IBM
                                                                                                                                       souvik das (3 years ago)
   Solved & mahima srivastava
                                                                                                                                             Read Solution (8)
   Is this Puzzle helpful? Yes (4) No (1)
                                                                                                                                         Submit Your Solution
                                                                                                                                     Clocks and Calendars
 MAHIMA SRIVASTAVA (3 YEARS AGO)
              i think it will be 0.6 instead of 0,6
              then ans will be 0.8
              1.8/3=0.6
              2.5/5=0.5
              3.4/2 = 1.7
              4.8/6=0.8
                                                                                                                                  Is this solution Helpfull? Yes (57) | No
BIKASH SHAW (3 YEARS AGO)
              0.8 gfffufjfgyd
                                                                                                                                   Is this solution Helpfull? Yes (3) | No
RAGHUVEERA (3 YEARS AGO)
              1.8 \div 3 = 0.6
              2.5 \div 5 = 0.5
              3.4 \div 2 = 1.7
              4.8 \div 6 = 0.8
              Therefore, the ans is 0.8
                                                                                                                                   Is this solution Helpfull? Yes (2) | No
 KHUSBHU KUMARI (3 YEARS AGO)
              0.6*3=1.8
              0.5*5=2.5
              1.7*2=3.4
              0.8*6=4.8
              hence answer is 0.8
                                                                                                                                   Is this solution Helpfull? Yes (2) | No
-SANTOSH GALAGALI (3 YEARS AGO)
              plz send me Ibm english assesment test papers my id is santu.sid.92@gmail.com
                                                                                                                                      Is this solution Helpfull? Yes | No
POTLAPALLI MOUNIKA (3 YEARS AGO)
              1.8 2.5 3.4 4.8
              3526
              0.6 0.5 1.7 0.8
                                                                                                                                      Is this solution Helpfull? Yes | No
-NEHA SINGH (2 YEARS AGO)-
```

pls send me englise paper nehasingh1111990@gmail.com Is this solution Helpfull? Yes | No KUMAR VIKASH (2 YEARS AGO) i think dis ques should be in dis manner 1.8,3,0.6,2.5,5,0.5,3.4,2,1.7,4.8,6,? then ans will be 0.8 Is this solution Helpfull? Yes | No Engineer Jobs in 2000+ Companies. 3 AMCAT Job Assessment Lakh Interview Calls Each Month myamcat.com/Engineering-Jobs-Test ♣ (#M40031776) IBM QUESTION Time and work KEEP AN EYE 🛑 Q. A letter has to be printed as 100 lines with 50 character per line, if the printer can print 40 character per line, how many lines it will take? Asked In IBM ▲ DIVYA MURUGESH (3 years ago) Solved 🏜 Divya Mishra Read Solution (8) Is this Puzzle helpful? Yes (4) No (3) Submit Your Solution Number Series DIVYA MISHRA (3 YEARS AGO) 100 lines with 50 character per line, thus total number of characters to be printed= 100*50=5000; Now, if the printer is printing 40 charcters per line, total number of lines required= 5000/40=125 lines Is this solution Helpfull? Yes (23) | No RAMNEEK (3 YEARS AGO) ans: 125 lines total characters that can we written is 100*50=5000 so lets the printer take x lines then 40x=5000 x=125 Is this solution Helpfull? Yes (6) | No MAHIMA SRIVASTAVA (3 YEARS AGO) total characters to be printed= 100*50 new printer can print 40 characters per line so, number of characters per line =100*50/40=125 Is this solution Helpfull? Yes (4) | No MADHU (3 YEARS AGO) total characters 100 * 50 = 5000 / 40 = 125 lines Is this solution Helpfull? Yes (2) | No -YAMSHI SAGIR (2 YEARS AGO)less character per lines , more lines indirect relation 50/40=x/100 x=125 lines Is this solution Helpfull? Yes (1) | No PALLAK KUMARI (3 YEARS AGO) 100lines=50character 40cha=10050

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Is this solution Helpfull? Yes (1) | No
DIVYA MISHRA (3 YEARS AGO)
             @Sumit's solution is correct
                                                                                                                                        Is this solution Helpfull? Yes | No
RAHUL JAIN (3 YEARS AGO)
             6 -12 34 6 12 -37 6 -12 and next number is -12 so ans is -26
                                                                                                                                        Is this solution Helpfull? Yes | No
PRIYA (3 YEARS AGO)
             its veri simple..finf the diffrncr among the adjacant values so ans=-20
                                                                                                                                      Is this solution Helpfull? Yes | No (5)
-ANITESH SINHA MAHAPATRA (3 YEARS AGO)
             this answer is -2
             5,-1,-11(Diff. between 1st &2nd no. is 6, 2nd &3rd no. is 12)
             23,29,17(same as Diff. between 1st &2nd no. is 6, 2nd &3rd no. is 12)
                                                                                                                                        Is this solution Helpfull? Yes | No
MEGHASHREE DAS (1 YEAR AGO)
             -5,(-5+6),(-5-6),23,(23+6),(23-6),-20,(-20+6).(-20-6)
                                                                                                                                        Is this solution Helpfull? Yes | No
♣ (#M40031766) IBM QUESTION
KEEP AN EYE
Q. What is the next number of the following sequence
-12,6,-15,-5,28,-14,9,3,-18,___
  Asked In IBM
                                                                                                                                                       (3 years ago)
  Solved a mahima srivastava
                                                                                                                                                Read Solution (8)
  Is this Puzzle helpful? Yes (7) No (5)

☑ Submit Your Solution

                                                                                                                                             Number Series
MAHIMA SRIVASTAVA (3 YEARS AGO)
             -12/-2=6
             -15/3=-5
             28/-2=14
             9/3=3
             -18/-2=9
             so, ans is 9
                                                                                                                                    Is this solution Helpfull? Yes (18) | No
-ISHITA JANA (3 YEARS AGO)
             6*(-2)=-12,(-5)*3=-15,(-14)*(-2)=28,3*3=9
             so the series is -2.3.-2.3
             so the next 9*(-2)=-18.the next number is 9.
                                                                                                                                  Is this solution Helpfull? Yes (14) | No (1)
AKANKSHA MISHRA (3 YEARS AGO)
             Look upon the series carefully
             -12,6....-15,-5.....28,-14.....9,3.....-18,__
             -12/6 = -2
             -15/-5 = 3
             28/-14= -2
             9/3 = 3
             similarly
             -18/x = -2
             x = 9
             So ans will be 9
                                                                                                                                     Is this solution Helpfull? Yes (6) | No
```

```
AKHILESH KUMAR (3 YEARS AGO)
             -12,6,-15,-5,28,-14,9,3,-18,___
             -12/6 = -2
             -15/-5 = 3
             28/-14 = -2
             9/3 = 3
             -18/? = -2
             PUT THE VALUE OF ? IS 9
             50 - 18/9 = -2
             SO ANS IS 9
                                                                                                                                  Is this solution Helpfull? Yes (1) | No
RICHI SHARMA (3 YEARS AGO)
             -12/6=-2
             -15/-5 = 3
             28/-14 = -2
             9/3 = 3
             -18/x = -2 ... x=9(ans)
                                                                                                                                  Is this solution Helpfull? Yes (1) | No
HIMANSHU UPADHYAY (3 YEARS AGO)
             (-12,6)(-15,-5)(28,-14)(9,3)(-18,x)
             observe the pattern the right side value of each pair is 2,3 respectively of left side value..and the product of their sign are alternating i.e for
             first pair -, then +,-,+ so next would be -
             and x=would be 9 as 9*2=18.
                                                                                                                                     Is this solution Helpfull? Yes | No
MOHAMMAD SABIR HOSSAIN (3 YEARS AGO)
             a,a/2,b,b/3.....
             a=-18
             next will be (-18/2)= -9
                                                                                                                                   Is this solution Helpfull? Yes | No (2)
MEGHASHREE DAS (1 YEAR AGO)
             -12,(-12/-2),-15,(-15/3),28,(28/-2),9,(9/3),-18,(-18/-2)
                                                                                                                                     Is this solution Helpfull? Yes | No
♣ (#M40031485) IBM QUESTION
KEEP AN EYE
Q. In a bus left side there are 19 seats available, 2 fewer seats in right side, two people can sit in a seat, last seat capacity is 5, then how many
people can sit in the bus?
 Asked In IBM
                                                                                                                               △ DIVYA MURUGESH (3 years ago)
  Solved & Shubhangi Nimje
                                                                                                                                            Read Solution (6)
  Is this Puzzle helpful? Yes (6) No (5)

☑ Submit Your Solution

                                                                                                                                              Arithmetic
SHUBHANGI NIMJE (3 YEARS AGO)
             its 77....
             19*2 + 17*2 +5 =77
                                                                                                                               Is this solution Helpfull? Yes (36) | No (6)
-KODAVATI PRASAD (3 YEARS AGO)
             73
             18*2+16*2+5=73
                                                                                                                               Is this solution Helpfull? Yes (10) | No (4)
DEVENDRA MARGHADE (3 YEARS AGO)
             Total capacity = 2(Left+Right)+5=2(19+17)+5=77
                                                                                                                               Is this solution Helpfull? Yes (9) | No (3)
HARSH SHARMA (3 YEARS AGO)
```

```
77 people...
            1111
            1111
            1111
            1111
            1111
            1111
            1111
            1111
            1111
            1111
            1111
            1111
            1111
            1111
            1111
            1111
            1111
            1111
            11111
                                                                                                                        Is this solution Helpfull? Yes (6) | No (10)
YAMINI SHARMA (2 YEARS AGO)
            plz explain this
                                                                                                                           Is this solution Helpfull? Yes (3) | No
SATYAM UPADHYAY (3 MONTHS AGO)
            There are 19 left and 17 right seats====36 seats
            so 35seats*2people=70
            and last 1 seat can have 5 people
            So total->70+5=75 people
                                                                                                                              Is this solution Helpfull? Yes | No
♣ (#M40031484) IBM QUESTION
KEEP AN EYE
Q. A thing cost $500,the amount is decreased by 20%,then how much less must be paid?
                                                                                                                       ▲ DIVYA MURUGESH (3 years ago)
  Asked In IBM
  Solved 
Devendra Marghade
                                                                                                                                     Read Solution (7)
  Is this Puzzle helpful? Yes (6) No (5)

☑ Submit Your Solution

                                                                                                                                      Percentage
DEVENDRA MARGHADE (3 YEARS AGO)
            100$
            Price after 20% decrease=500-(500*20/100)=400
            Amount less to be paid=500-400=100
                                                                                                                          Is this solution Helpfull? Yes (33) | No
-MAHIMA SRIVASTAVA (3 YEARS AGO)-
            (20/100)*500=100
            so,$100 less must be paid
                                                                                                                        Is this solution Helpfull? Yes (20) | No (3)
DIPAK MANDAL (3 YEARS AGO)
            20 percent of $500 discount ...
            so (20/100)*500=100
            which is the amount less paid than s.p before the discount
                                                                                                                           Is this solution Helpfull? Yes (2) | No
MAHARAJANCM (2 YEARS AGO)
            Price after 20% decrease=80/100*500=400
            the amount much less must be paid=500-400=100
                                                                                                                           Is this solution Helpfull? Yes (2) | No
```

```
SAURAV (3 YEARS AGO)
             100$
             .2*500=100
                                                                                                                                Is this solution Helpfull? Yes (1) | No
SHABANABEGUM (2 YEARS AGO)
             10% of 500 is 50(give point after one digit) 20% is( 10% of 500)*2=50*2=100
             less paid=tota-decreased=>500-100=400$ is the answer
                                                                                                                             Is this solution Helpfull? Yes (1) | No (3)
SHIKHA (2 YEARS AGO)
             ans: 400
             500*20/100=100
             500-100=400
                                                                                                                                Is this solution Helpfull? Yes (1) | No
KEEP AN EYE
Q. In a software company 2/6 of people know C++,1/2 of them know java,1/5 of them know neither, find the total possibility to know C++?
                                                                                                                            ▲ DIVYA MURUGESH (3 years ago)
  Asked In IRM
  Solved & mahima srivastava
                                                                                                                                          Read Solution (9)
  Is this Puzzle helpful? Yes (20) No (7)

☑ Submit Your Solution

                                                                                                                                            Probability
MAHIMA SRIVASTAVA (3 YEARS AGO)
             possibility of knowing c++= 2/6
             possibility of knowing java=1/2
             there are 4 possibilities,
             a person knows java but not c++=1/2*(1-(2/6))=1/3
             a person knows c++ but not java= 2/6*(1-(1/2))=1/6
             possibility of knowing neither =1/5
             therefore, probability of knowing any one language only= 1/6+1/3=1/2
             therefore possibility of knowing both = total probability- probability of knowing neither- probability of knowing anyone language only
             total probability is always 1
             so, required probability= 1 - (1/5) - (1/2) = 3/10
                                                                                                                            Is this solution Helpfull? Yes (52) | No (8)
RAHUL P (3 YEARS AGO)
             Consider the total no. of people to be 30.(LCM of 6.2 and 5).
             Now, people knowing C++ is 2/6*30=10. Therefor, possibility of people knowing C++ may be 10/30=1/3
             Ans)1/3
                                                                                                                            Is this solution Helpfull? Yes (21) | No (6)
DHIRAJ GUPTA (3 YEARS AGO)
             1/2 + 1/5 + 2/6 = 31/30
             ans.=2/6 / 31/30= 10/31
                                                                                                                             Is this solution Helpfull? Yes (9) | No (7)
NARENDRA NATH BANERJEE (3 YEARS AGO)
             Ans-2/15
             2/6 * 1/2 *(1-(1/5))=2/15.
                                                                                                                            Is this solution Helpfull? Yes (8) | No (14)
M.SIVANI PRIYADARSANI (1 YEAR AGO)
             possibility of knowing c++=2/6
             possibility of knowing java=1/2
             remaining=1-(2/6+1/2)=1/6
             neither java and neither c++ =1/5
             therefore...
             probability of knowing both java and c++ =nether probability - remaining
             =1/5-1/6=1/30
```

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IBM Placement Papers with Solution: Solved Question Page 9
            probability of knowing only c++=2/6-1/30=3/10 (ans)
                                                                                                                              Is this solution Helpfull? Yes (7) | No
VISHAL (3 YEARS AGO)
            sum one give exact solution plzzzzzzzzzzzzzzz
                                                                                                                            Is this solution Helpfull? Yes (5) | No (5)
BONI LAKSHMI (2 YEARS AGO)
            let total people=x
            people knowing C++=2/6x
            people knowing java=1/2x
             neither=1/5x
            both c++&java knowing people=2/6x+1/2x-1/5x=19/30x
             total possibility to know C++=2/6*19/30
            19/90
                                                                                                                            Is this solution Helpfull? Yes (5) | No (2)
SURENDRA (9 MONTHS AGO)
             C++ Known people = 2/6,
             Java Known people =1/2,
             Neither C++ Nor Java = 1/5,
             So, both known = 4/5,
             Only C++=4/5(Both\ Known)-1/2(java\ Known\ people)
             = (8-5)/10
             = 3/10.
                                                                                                                              Is this solution Helpfull? Yes (5) | No
MOHSIN KHAN (2 YEARS AGO)
             so, required probability= 1 - (1/5) - (1/2) = 3/10
             Read more at http://www.m4maths.com/31483-In-a-software-company-2-6-of-people-know-C-1-2-of-them-know-java-1-5-of-
             them.html#yzyjKBtxktQscPqm.99
                                                                                                                            Is this solution Helpfull? Yes (2) | No (4)
♣ (#M40031473) IBM QUESTION Sequence
KEEP AN EYE
Q. What is the next number of the following sequence
3,11,31,69...
 Asked In IBM
                                                                                                                                      Aashu (3 years ago)
  Solved A RAKESH
                                                                                                                                        Read Solution (3)
  Is this Puzzle helpful? Yes (9) No (1)
                                                                                                                                    Submit Your Solution
                                                                                                                                      Number Series
RAKESH (3 YEARS AGO)
             3=1^3+2
             11=2^3+3
             31=3^3+4
             69=4^3+5
            similarly, next no. is
            5^3+6=125+6=131
                                                                                                                              Is this solution Helpfull? Yes (78) | No
RISHAB SIKKA (3 YEARS AGO)
             11-3=8, 31-11=20, 69-31=38, so
             8,20,38 is the difference between the consecutive numbers therefore next diffrence is 8+12=20, 20+18=38, 38+24=62 so answer is 69
             + 62 = 131 answer
                                                                                                                           Is this solution Helpfull? Yes (10) | No (3)
PRIYANKA RANI (3 YEARS AGO)
             formate:- (n+1)*n^3
             3= 2*1^3
            11=3*2^3
            31=4*3^3
```

```
69=5*4^3
             so, 6*5^3=6*125=131
                                                                                                                             Is this solution Helpfull? Yes (4) | No (6)
★ (#M40031384) IBM QUESTION profit and loss
KEEP AN EYE 🛑
Q. A buys product by rs2and sold for rs4 what is the profit
  Asked In IBM
                                                                                                                                                (3 years ago)
  Solved & RAKESH
                                                                                                                                          Read Solution (7)
  Is this Puzzle helpful? Yes (4) No (4)
                                                                                                                                      ☑ Submit Your Solution
                                                                                                                                     Stock and Shares
RAKESH (3 YEARS AGO)
             buys for rs2 \& solds for rs4 ,so threre is a profit of 4-2 = 2
             profit of rs 2 i.e 100% profit
                                                                                                                               Is this solution Helpfull? Yes (19) | No
ABHIMANYU SINGH (3 YEARS AGO)
             Profit = Selling price- cost price
             4-2=2rs
                                                                                                                                Is this solution Helpfull? Yes (3) | No
SHUBHANGI NIMJE (3 YEARS AGO)
             100\% gain = S.P - C.P = 2
             profit =2/2 *100
                                                                                                                                Is this solution Helpfull? Yes (2) | No
-MOHAMMED SAJEEL AAFAQ P (3 YEARS AGO)-
             Profit = Selling Price - Cost Price
             = 4 - 2
             = 2 rs
                                                                                                                                   Is this solution Helpfull? Yes | No
ASHVINI KARANJEKAR (3 YEARS AGO)
             profit=S.P.-C.P.
             =4-2=2
             Profit%=(Profit*100/CP) =100%
                                                                                                                                   Is this solution Helpfull? Yes | No
HEENA SAHA (3 YEARS AGO)
             ans:rs2....here cp is rs2 and sp is rs4 so profit=sp-cp=4-2=rs2
                                                                                                                                   Is this solution Helpfull? Yes | No
GHULAM QUADIR (2 YEARS AGO)
             Profit = 4-2=2
             % Profit= 2/2*100=100%
                                                                                                                                   Is this solution Helpfull? Yes | No
Keep an EYE (0)
                                                                                                                            IBM Interview Experience (27)
                                                                                                                                UnSolved Question (1480)
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Vikas Rai — a square of 2 unit is given and four circles are made on its Vikas Rai — a square of 2 unit is given and lost of squal radius corners having equal radius of each, and another circle of equAl radius is made ...

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