

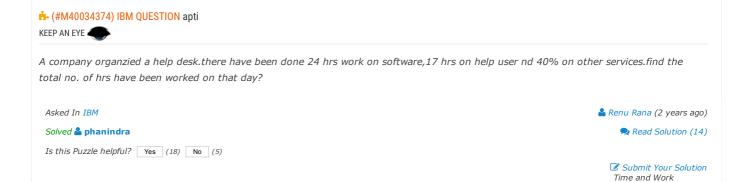




Placement Questions / IBM

IBM Placement Papers with Solution : Solved Question Page 6





PHANINDRA (2 YEARS AGO)

let total no of hrs = xthey have done 24+17=41 40% of x is 40/100=2/5 x=41+2x/5 x=68.3

Is this solution Helpfull? Yes (50) | No (1)

SAMBIT KUMAR GHOSH (2 YEARS AGO)



Let total number of hork has been done is xhrs work done on other services is x*40% = 2x/5hrs (software work+help user work)done = (24+17)=41hrs Then x-2x/5=41x=68.30hrs(ans)

Is this solution Helpfull? Yes (13) | No (1)

SWETHA SAMUDRALA (2 YEARS AGO)

how can a day have 68.3hrs??? in question it was clearly asked how many hrs for that day...

Is this solution Helpfull? Yes (6) | No (1)

B. SIREESHA (2 YEARS AGO)



since work done on that day is asked therefore 24 hrs have been worked

Is this solution Helpfull? Yes (6) | No (4)

SMITA MISHRA (1 YEAR AGO)

24 hr work in that software

and 17 hrs spend on users mean 24-17=7 hrs left nw 40% of this 7 hrs spend on others services so 17+2.8=19.8 ans..

Is this solution Helpfull? Yes (5) | No

AKHIL BALUJA (2 YEARS AGO)



ans-68.3hrs 41=x-2x/5 x=68.3hrs(ans)

NEHA GANGWAL (2 YEARS AGO)

ans=68.33

24+17=41 60% of x=41 x=(41*100)/60 x=68.33

Is this solution Helpfull? Yes (2) | No

FOUZIA (2 YEARS AGO)

24 hrs

because a day consist of 24 hours and that company's software section works for whole day i.e 24 hours mean while it does services and help user also . So that is not going to include in that hours .

Is this solution Helpfull? Yes (2) | No

NADIYA (2 YEARS AGO)

can anybody xplain clearly to dis questn?

Is this solution Helpfull? Yes (1) | No

DINESH KUMAR KK (2 YEARS AGO)

plz explain clearly.....

Is this solution Helpfull? Yes (1) | No

DEEPIKA KV (2 YEARS AGO)

pls post correct answer

Is this solution Helpfull? Yes (1) | No

RAVI (2 YEARS AGO)

i guess answer is 19.6 hr

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

BALAJI (1 YEAR AGO)

@SIREESHA..

I think Work is Not done By a single Person...

it would be a group of member 1 person = 24 hrs.. if 3 person works it would be reduced to 8 hrs like that... Correct me If Iam Wrong

Is this solution Helpfull? Yes (1) | No

-SWETHA GUNTHA-(1 YEAR AGO)-

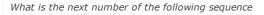
40% work means the remaining work is 60% so 24+17=41 41 is the 60% of work 60/100x=41

Is this solution Helpfull? Yes (1) | No

♣ (#M40034338) IBM QUESTION

x = 68.3

KEEP AN EYE



1) 5, 1, 2, 3, 1, 0, 9, 2, 3, 14, 1, 3,?

2) 10, 12, -36, -7, -5, 15, 19, 21,?

3) 175, 94, 188, 124, 376, 327, 1308,?

4) 3, 2, 1, 4, 5, 1, 0, 6, 3....?

5) 1, 3, 3, 2, 8, 10, 3, 4, 12, 4, 8....?

```
6) 1, 3, 1, 2.5, 5, 1, 4, 5, 4, 8, 7.....?
 Asked In IBM
                                                                                                                               anitisha (2 years ago)
 Solved & Saraswathy
                                                                                                                                 Read Solution (13)
 Is this Puzzle helpful? Yes (15) No (1)
                                                                                                                              Submit Your Solution
                                                                                                                          Sequence and Series
```

SARASWATHY (2 YEARS AGO) 2) (10,2,-36) (-7,-5,15) , (19,21,x) 10+2=12 12*-3=36 -7+2=-5 -5*-3=15 19+2=21 21*-3= - 63 Ans: -63 3) 175, 94, 188, 124, 376, 327, 1308, x 175 - 94 = 81 (ie) 9^2 188 - 124 = 64 (ie) 8^2 376 - 327 = 49 (ie) 7^2 1308 - x should be 36 ie 6^2 1308 - x= 36 x = 12725) (1, 3, 3),(2, 8, 10), (3, 4, 12),(4, 8, x) 1 * 3 = 3 2 + 8 = 103 * 4 = 12 4 + 8 = 12Ans: 12 Is this solution Helpfull? Yes (25) | No SHREYA ADDYA (2 YEARS AGO) 4) 3+2+1+4=10/2=5 1+0+6+3=10/2=5 so ans is 5 Is this solution Helpfull? Yes (13) | No (3) SUDHEER (2 YEARS AGO) I think the series would be 5, 1, 2, 8, 1, 0, 9, 2, 3, 14, 1, 3 5+1+2=8 8+1+0=9 9+2+3=14 14+1+3=18 Ans:18 Is this solution Helpfull? Yes (11) | No LAVANYA GONE (2 YEARS AGO)

```
1+3+1=5/2=2.5,5+1+4=10/2=5,4+8+7=19/29.5
```

```
NAGALAKSHMI (2 YEARS AGO)
            6.ans:
            (1,3,1,2.5),(5,1,4,5),(4,8,7,x)
```

Is this solution Helpfull? Yes (9) | No (1)

```
1+3+1=5---->5/2=2.5
5+1+4=10--->10/2=5
4+8+7=19---->19/2=9.5=x

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

AKHIL BALUJA (2 YEARS AGO)



4>3,2,1,4,5,1,0,6,3.... 3+2=5 1+4=5 5+1=6 0+6=6 so 3+4=7 ans is 4

Is this solution Helpfull? Yes (2) | No

SARASWATHY (2 YEARS AGO)



```
2) (10,2,-36) (-7,-5,15) , (19,21,x)

10+2=12

12*-3=36

-7+2=-5

-5*-3=15

19+2=21

21*-3=-63

Ans:-63
```

SARASWATHY (2 YEARS AGO)



```
3) 175, 94, 188, 124, 376, 327, 1308, x

175 - 94 = 81 (ie) 9^2
188 - 124 = 64 (ie) 8^2
376 - 327 = 49 (ie) 7^2
1308 - x should be 36 ie 6^2

1308 - x = 36

x=1272
```

SHITAL (2 YEARS AGO)

```
1) 5,1,2,3,1,0,9,2,3,14,1,3,?

Ans: 26

1st + 4th = 5+3 = 8+1 = 9

4th + 6th = 3+9 = 12+2=14

6th + 8th = 9+14 = 23+3=26

Is this solution Helpfull? Yes (1) | No (3)
```

SARASWATHY (2 YEARS AGO)



```
5) (1, 3, 3),(2, 8, 10), (3, 4, 12),(4, 8, x)

1 * 3 = 3

2 + 8 = 10

3 * 4 = 12

4 + 8 = 12

Ans: 12

Is this solution Helpfull? Yes | No
```

VAISHALI (2 YEARS AGO)

```
4) 3 2 1 4 5 1 0 6 3 ....?

3-2=1

4-5=-1 mod |-1| =1

then 1+(-1)=0

6-3=3
```

Is this solution Helpfull? Yes | No (3)

SINDU (2 YEARS AGO)

anyone plz give solution for 1st series

Is this solution Helpfuli? Yes | No

AMIT PHOUGAT (4 MONTHS AGO)

4) 3, 2, 1, 4, 5, 1, 0, 6, 3.....? ANSWER IS 2

This series has following pattern:

(3, 2, 1), (4, 5, 4), (5, 1, 0), (6, 3, ?).

Here obviously the missing digit is 2.

Logic: The first digit in every parenthesis (3, 4, 5, 6) are increasing by 1. The second digit in parenthesis are (2, 5, 1, 3). Here every digit is one more than two times of preceding digit - Only unit place digit is taken. For example, (2*2+1=5), (5*2+1=11, so 1 is taken), (1*2+1=3). Last digit in every parenthesis is one less than the second digit.

Is this solution Helpfull? Yes | No





-RAKESH (2 YEARS AGO)-



8,0.5,16,4,15,0.3,50,4.5,6,.2,30,X (8,0.5,16,4),(15,0.3,50,4.5),(6,.2,30,X) in each group, 1st/2nd=3rd & 1st*2nd=4th

8/0.5=16, 8*0.5=4 15/0.3=50, 15*0.3=4.5 6/.2 = 30, 6*.2=X => X=1.2

Is this Puzzle helpful? Yes (5) No (2)

Is this solution Helpfull? Yes (51) | No

☑ Submit Your Solution

Sequence and Series

PAVANI (2 YEARS AGO)

ans 1.2

(8 0.5 16 4)=>8/0.5=16 8*0.5=4 (15 0.3 50 4.5)=>15/0.3=50 15*0.3=4.5 (6 0.2 30 1.2)=>6/0.2=30 6*0.2=1.2

Is this solution Helpfull? Yes (3) | No

♣ (#M40034324) IBM QUESTION

KEEP AN EYE

What is the next number of the following sequence

7, 0, 1, 8, 5, 12, 9, 26, 3, 2, 23, ?

Asked In IBM

Solved & RAKESH

Is this Puzzle helpful? Yes (1) No (1)

vicky (2 years ago)

Read Solution (5)

Submit Your Solution Sequence and Series

RAKESH (2 YEARS AGO)



7,0,1,8,5,12,9,26,3,2,23,X (7,0,1,8),(5,12,9,26),(3,2,23,X)

7+0+1=8 5+12+9=26 3+2+23=X => X=28

Is this solution Helpfull? Yes (17) | No (2)

RAHUL (2 YEARS AGO)

7+0+1=8 5+12+9=26 3+2+23=28

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

SRAVANI A (2 YEARS AGO)

7+0+1=8 5+12+9=26 3+2+23=28Is

Is this solution Helpfull? Yes | No

LOSARI VISWAKANTH (1 YEAR AGO)

28 = 3+2+23

Is this solution Helpfull? Yes I No

-LAKSHMIPATHI (3 MONTHS AGO)



7, 0, 1, 8, 5, 12, 9, 26, 3, 2, 23, ?
7+0+1=8
5+12+9=26
3+2+23=28
ans 28

Is this solution Helpfull? Yes | No

♣ (#M40034323) IBM QUESTION

KEEP AN EYE

What is the next number of the following sequence 7,0,1,8,5,12,9,2,6,3,2,?

Asked In IBM

Solved & ISHITA SHUKLA

Is this Puzzle helpful? Yes (3) No (2)

å vicky (2 years ago)

Read Solution (1)

Submit Your Solution Sequence and Series

-ISHITA SHUKLA (2 YEARS AGO)-

sum of alternate terms is same i.e: (7,0,1,8)=7+1=8 & 0+8=8 (5,12,9,2)=5+9=14 & 12+2=14 likewise (6,3,2,x)= since 6+2=8, so 3+x=8, hence x=5

Is this solution Helpfull? Yes (22) | No (1)

♣ (#M40034050) IBM QUESTION

KEEP AN EYE

guys plz tell me how to prepare aptitude questns other than no. series?

Solution

Dear Nadiya,

Kindly don't get confused between our "Discussion Board" and "Placement Puzzles" section.

In "Placement Puzzles" section, post your questions and we will provide you the answers immediately whereas discuss your issues and problems with your fellow mates in our "Discussion Board" segment.

Don't mix the two, because sometimes it become little difficult for us to answer your questions on time in the puzzle section.

Regard
Team M4maths.

Like manish sir answer on facebook.

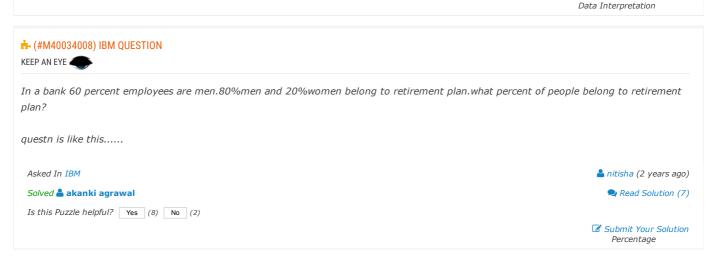
Like Share You and 9.9K others like this.

Asked In IBM

Asked In IBM

Solved

Is this Puzzle helpful? Yes (0) No (0)



AZHARSHAHID01@GMAIL.COM (2 YEARS AGO)



60% employees are men thus 40% are women. 80% of 60% men is 48% and 20% of 40% women is 8%. so total is 48+8=56%. Thus answer is 56%.

Is this solution Helpfull? Yes (40) | No (1)

AKANKI AGRAWAL (2 YEARS AGO)



60/100 employee = men therefore remaining 40/100 employee = women as per questn 80% men +20% women on retirement plan therfore 80*60/100=4820*40/100=8therefore 48+8=5656 belong to retirement plan

Is this solution Helpfull? Yes (13) | No (1)

DEVENDRA MARGHADE (2 YEARS AGO)



56%

If total employees=x, Number of Men=0.6x, Women=0.4x Men for retirement plan=0.6x(80/100)=0.48x

Women for retirement plam=0.4x(20/100)=0.08x

% of people belonging to retirement plan=100*(0.48x+0.08x)/x=56

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

YANNA VAISHNAVI (2 YEARS AGO)

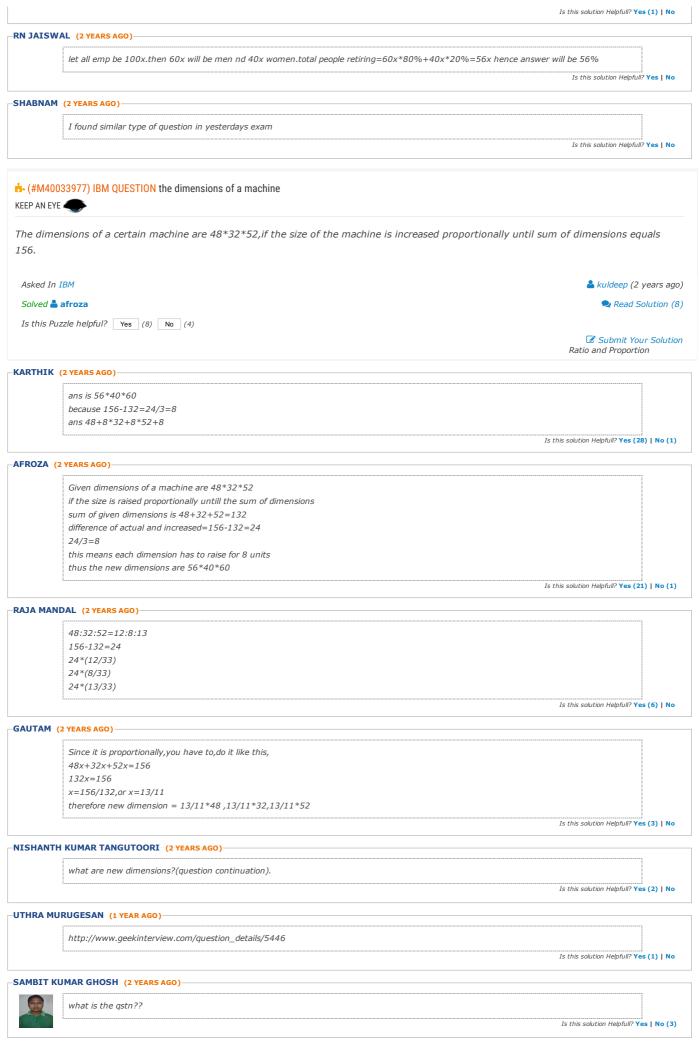
ans is 56%....

Is this solution Helpfull? Yes (1) | No

HANUMAN SINGH (2 YEARS AGO)

assume there are 100 employees in which 60% are men so 60 men out of 100 employees and remainning are 40 women now 80% of 60 men= 48 and 20% of 40 men= 8

so 48+8=56% employees belong to retirement plan



IBM Placement Papers with Solution: Solved Question Page 6 ya where is the Question??? Is this solution Helpfull? Yes | No (2) ♣ (#M40033891) IBM QUESTION Time and Work KEEP AN EYE 🛑

A can do a work in 6 days , B can do a work in 8 days and C can do it in 12 days. B left work after 6 days. For how many number of days should A and C should work together to complete the remaining work?

Asked In IBM

Solved & AMIT KUMAR

Is this Puzzle helpful? Yes (14) No (2)

& Richard Gregory (2 years ago)

Read Solution (9)

Submit Your Solution Time and Work

GNANASEKAR (2 YEARS AGO)

i think one day. b work 1/8 * 6=3/4 remaining work =1-3/4=1/4a and c work together =1/6+1/12=3/12=1/4take reciprocial 4 * remaining work =4 *1/4=1

Is this solution Helpfull? Yes (25) | No

AMIT KUMAR (2 YEARS AGO)



A complete work in 6 days B complete work in 8days C complete work in 12 days B's 1 day work=1/8 6 day's work=6/8 remaining work=1-6/8=2/8=1/4 $A+C \ 1 \ day \ work \ together = 1/6+1/12=1/4$ so A and C work 1 day to complete remaining work ans. 1 day

Is this solution Helpfull? Yes (20) | No

GAGAN NIGAM (2 YEARS AGO)

Icm of 6,12,8 is 48 ie units a 1 day =8 b 1 day = 6c 1day=4units 3DAY WORK OF (A+B+C)=18 6day work of (A+B+C)=36

THUS REMAING WORK WILL IE 12 UNIT WILL BE COMPLETD BY AND C IN=12/12=1DAY

Is this solution Helpfull? Yes (3) | No

AKANKI AGRAWAL (2 YEARS AGO)



1/6+1/8+1/12=3/8 3/8 work is done in 3 days therefore 1 day work = 1/8 6 day work = 3/4remaining work = 1-3/4for 1/4 work no. of days required by 'A' 'C' is 1 day

Is this solution Helpfull? Yes (2) | No

PADMAVATHI (2 YEARS AGO)



1/6+1/12-1/8=8+4-6/48=1/8 remaining the work:8*1/8=1 day

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

SHAIK HUSSIAN (2 YEARS AGO)

my ans is 1 day

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

SADHIKBHASHA (2 YEARS AGO)



b work is 6(1/8) means total 6days work is 6/8 remaining work is 1-(6/8)=2/8

that is 1/4 work remaining
both a n c complete the work is 4(1/6+1/12)=1 day
ans is 1day

Is this solution Helpfull? Yes (1) | No

ANKITA RANJAN (2 YEARS AGO)

it will be 1

Is this solution Helpfull? Yes (1) | No

-HARI SANKHAR (2 YEARS AGO)-

26 because A in 6 so B in 10 and C in 16

Is this solution Helpfull? Yes | No (9)

♣ (#M40033400) IBM QUESTION english

KEEP AN EYE

please, any one send IBM english assessment test question to night...

this is my email id:

koukar.sivan7@gmail.com

please help me fnds...

Solution

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In "Placement Puzzles" section, post your questions and we will provide you the answers immediately whereas discuss your issues and problems with your fellow mates in our "Discussion Board" segment.

Don't mix the two, because sometimes it become little difficult for us to answer your questions on time in the puzzle section.

Regard

Team M4maths.

Like manish sir answer on facebook.



Asked In IBM (2 years ago)

Solved

Is this Puzzle helpful? Yes (7) No (3)

Submit Your Solution
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Keep an EYE (0)

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jeevan vamshi — #include <iostream>using namespace std;int main(){ int N; cin>>N; int F, B, BD, FD, T; for (int i = 0; i < N; ++i) { ...

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