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IBM

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? (#M40034374) IBM QUESTION apti KEEP AN EYE

A company organized a help desk. there have been done 24 hrs work on software, 17 hrs on help user and 40% on other services. find the total no. of hrs have been worked on that day?

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Asked In [IBM](#)
[Solved](#) [phanindra](#) Is this Puzzle helpful?

Yes (18)

No (5)

[Renu Rana](#) (2 years ago) [Read Solution \(14\)](#)

[Submit Your Solution](#) Time and Work

[PHANINDRA](#) (2 YEARS AGO)

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

[SAMBITKUMARGHOSH](#) (2YEARSAGO)

Let total number of hork has been done is xhrs
work done on other services is $x*40\% = 2x/5$ hrs (software work+help user work)done = (24+17)=41hrs Then $x2x/5 = 41$
 $x = 68.30$ hrs(ans)

[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 Helpful? [Yes \(50\)](#) | [No \(1\)](#)

Is this solution Helpful? [Yes \(13\)](#) | [No \(1\)](#)

Is this solution Helpful? [Yes \(6\)](#) | [No \(1\)](#)

Is this solution Helpful? [Yes \(6\)](#) | [No \(4\)](#)

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B. SIREESHA (2 YEARS AGO)

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

SMITA MISHRA (1 YEAR AGO)

24 hr work in that software.

and 17 hrs spend on users mean $24/7 = 3.428$ hrs left nw 40% of this 7 hrs spend on others services so $17 + 2.8 = 19.8$ ans..



AKHIL BALUJA (2 YEARS AGO)

Is this solution Helpful? [Yes \(5\)](#) | [No](#)

http://www.m4maths.com/placement-puzzles.php?ISSOLVED=Y&page=6&LPP=10&SOURCE=IBM&MYPUZZLE=&UID=&TOPIC=&SUB_TOPIC= 1/11

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NEHAGANGWAL (2YEARSAGO) ans=68.33

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

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 .

NADIYA (2 YEARS AGO)

can anybody xplain clearly to dis questn?

DINESH KUMAR KK (2 YEARS AGO)

plz explain clearly.....

DEEPIKA KV (2 YEARS AGO)

pls post correct answer

RAVI (2YEARSAGO)

i guess answer is 19.6 hr

BALAJI (1YEARAGO)

Is this solution Helpful? [Yes \(2\)](#) | [No](#)

Is this solution Helpful? [Yes \(2\)](#) | [No](#)

Is this solution Helpful? [Yes \(1\)](#) | [No](#)

Is this solution Helpful? [Yes \(1\)](#) | [No](#)

Is this solution Helpful? [Yes \(1\)](#) | [No](#)

Is this solution Helpful? [Yes \(1\)](#) | [No \(2\)](#)

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@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

SWETHA GUNTHA (1 YEAR AGO)

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

$x = 68.3$

Is this solution Helpful? [Yes \(1\)](#) | [No](#)

Is this solution Helpful? [Yes \(1\)](#) | [No](#)



ans 68.3hrs $41 = x \times 2/5$ $x = 68.3$ hrs(ans)

Is this solution Helpful? [Yes \(3\)](#) | [No](#)

🔖 (#M40034338) IBM QUESTION KEEP AN EYE

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What is the next number of the following sequence 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.....?



http://www.m4maths.com/placement-puzzles.php?ISSOLVED=Y&page=6&LPP=10&SOURCE=IBM&MYPUZZLE=&UID=&TOPIC=&SUB_TOPIC= 2/11

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SARASWATHY (2YEARSAGO)

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

$1308 \ x = 36 \ x = 1272$

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

SHREYA ADDYA (2 YEARS AGO)

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4) $3+2+1+4=10/2=5$ $1+0+6+3=10/2=5$ so ans is 5

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

LAVANYA GONE (2 YEARS AGO) 6)

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

NAGALAKSHMI (2YEARSAGO)

6.ans: (1,3,1,2.5),(5,1,4,5),(4,8,7,x)

Is this solution Helpful? [Yes \(25\)](#) | [No](#)

Is this solution Helpful? [Yes \(13\)](#) | [No \(3\)](#)

Is this solution Helpful? [Yes \(11\)](#) | [No](#)

Is this solution Helpful? [Yes \(9\)](#) | [No \(1\)](#)

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6) 1, 3, 1, 2.5, 5, 1, 4, 5, 4, 8, 7.....?

Asked In IBM

Solved [Saraswathy](#) Is this Puzzle helpful?

Yes (15)

No (1)

[nitisha](#) (2 years ago) [Read Solution \(13\)](#)

[Submit Your Solution](#) Sequence and Series

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[AKHIL BALUJA](#) (2 YEARS AGO)

$4 > 3, 2, 1, 4, 5, 1, 0, 6, 3, \dots$ $3+2=5$ $1+4=5$
 $5+1=6$ $0+6=6$
so $3+4=7$

ans is 4

[SARASWATHY](#) (2YEARSAGO)

2) (10,2,36) (7,5,15) , (19,21,x) $10+2=12$
 $12*3=36$

$7+2=9$ $5*3=15$

$19+2=21$ $21*3= 63$

Ans : 63

[SARASWATHY](#) (2YEARSAGO)

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](#) (2YEARSAGO)

1) 5,1,2,3,1,0,9,2,3,14,1,3,? Ans : 26
 $1^{st} + 4^{th} = 5+3 = 8+1 = 9$ $4^{th} + 6^{th} = 3+9 = 12+2=14$ $6^{th} + 8^{th} = 9+14 = 23+3= 26$

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SARASWATHY (2YEARSAGO)

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

$$1*3=3 \quad 2+8=10 \quad 3*4=12 \quad 4+8=12$$

Ans : 12

VAISHALI (2YEARSAGO)

4) 3 2 1 4 5 1 0 6 3? 32=1
45=1 mod |1| =1 then 1+(1)=0

$$63=3$$

Is this solution Helpful? [Yes \(2\)](#) | [No](#)



Is this solution Helpful? [Yes \(1\)](#) | [No \(1\)](#)



Is this solution Helpful? [Yes \(1\)](#) | [No](#)

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Is this solution Helpful? [Yes \(1\)](#) | [No \(3\)](#)



Is this solution Helpful? [Yes](#) | [No](#)

SINDU (2YEARSAGO)

Is this solution Helpful? [Yes](#) | [No \(3\)](#)

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

Is this solution Helpful? [Yes \(2\)](#) | [No](#)

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AMIT PHOUGAT (4 MONTHS AGO)

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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, $(2*2+1 = 5)$, $(5*2+1 = 11, \text{ so } 1 \text{ is taken})$, $(1*2+1 = 3)$. Last digit in every parenthesis is one less than the second digit.

RAKESH (2YEARSAGO)

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

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

PAVANI (2YEARSAGO) ans 1.2

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

Is this solution Helpful? [Yes \(51\)](#) | [No](#)

Is this solution Helpful? [Yes \(3\)](#) | [No](#)

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Is this solution Helpful? [Yes](#) | [No](#)



🔖 (#M40034326) IBM QUESTION KEEP AN EYE

What is the next number of the following sequence 8,0.5,16,4,15,0.3,50,4.5,6,.2,30,?

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Asked In [IBM](#)
[Solved](#) [RAKESH](#)
Is this Puzzle helpful?

Yes (5)

No (2)

[vicky](#) (2 years ago) [Read Solution \(2\)](#)

[Submit Your Solution](#) Sequence and Series



[\(#M40034324\)](#) 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, ?

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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](#) (2YEARSAGO)

anyone plz give solution for 1st series

Is this solution Helpful? [Yes](#) | [No](#)

http://www.m4maths.com/placement-puzzles.php?ISSOLVED=Y&page=6&LPP=10&SOURCE=IBM&MYPUZZLE=&UID=&TOPIC=&SUB_TOPIC=5/11

1/11/2017 IBM Placement Papers with Solution : Solved Question Page 6

[RAHUL](#) (2YEARSAGO)

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

[SRAVANI A](#) (2 YEARS AGO)

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

[LOSARI VISWAKANTH](#) (1 YEAR AGO) $28 = 3+2+23$

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LAKSHMIPATHI (3MONTHSAGO)

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 Helpful? [Yes \(1\)](#) | [No \(1\)](#)

Is this solution Helpful? [Yes](#) | [No](#)

Is this solution Helpful? [Yes](#) | [No](#)

Is this solution Helpful? [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,?

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Asked In **IBM**

Solved **ISHITA SHUKLA**

Is this Puzzle helpful? Yes (3)

No (2)

vicky (2 years ago) ☐ [Read Solution](#) (1)

[Δ 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 Helpful? [Yes](#) (22) | [No](#) (1)



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 Helpful? [Yes](#) (17) | [No](#) (2)

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🔒 (#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.



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🔒 (#M40034008) IBM QUESTION KEEP AN EYE

In a bank 60 percent employees are men.80%men and 20%women belong to retirement plan.what percent of people belong to retirement plan?

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questn is like this.....

Asked In IBM

Solved [akanki agrawal](#)

Is this Puzzle helpful? Yes (8)

No (2)

[nitisha](#) (2 years ago) [Read Solution](#) (7)

[Submit Your Solution](#) Percentage

[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%.

[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 therefore $80 \times 60/100 = 48$
 $20 \times 40/100 = 8$
therefore $48+8 = 56$
56 belong to retirement plan

[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 plan= $0.4x(20/100)=0.08x$
% of people belonging to retirement plan= $100 \times (0.48x+0.08x)/x=56$

[YANNAVAISHNAVI](#) (2YEARSAGO) ans is 56%....

[HANUMANSINGH](#) (2YEARSAGO)

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

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and 20% of 40 men= 8
so $48+8=56\%$ employees belong to retirement plan

Is this solution Helpful? [Yes \(40\)](#) | [No \(1\)](#)

Is this solution Helpful? [Yes \(13\)](#) | [No \(1\)](#)

Is this solution Helpful? [Yes \(2\)](#) | [No \(1\)](#)

Is this solution Helpful? [Yes \(1\)](#) | [No](#)



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](#) [nadiya](#) (2 years ago) [Solved](#)
Is this Puzzle helpful? [Yes \(0\)](#) [No \(0\)](#)

[△ Submit Your Solution](#) Data Interpretation

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RNJAISWAL (2YEARSAGO)


let all emp be 100x, then 60x will be men and 40x women. total people retiring = $60x \times 80\% + 40x \times 20\% = 56x$ hence answer will be 56%

SHABNAM (2 YEARS AGO)

I found similar type of question in yesterdays exam

Is this solution Helpful? [Yes](#) | [No](#)

Is this solution Helpful? [Yes](#) | [No](#)

 (#M40033977) **IBM QUESTION** the dimensions of a machine KEEP AN EYE

The dimensions of a certain machine are 48*32*52, if the size of the machine is increased proportionally until sum of dimensions equals 156.



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Asked In [IBM](#)

Solved [afroza](#)

Is this Puzzle helpful?

Yes (8)

No (4)

[kuldeep](#) (2 years ago) [Read Solution \(8\)](#)

[Submit Your Solution](#) Ratio and Proportion

[KARTHIK](#) (2YEARSAGO)

ans is $56 \times 40 \times 60$
because $156132 = 24/3 = 8$ ans $48 + 8 \times 32 + 8 \times 52 + 8$

[AFROZA](#) (2 YEARS AGO)

Given dimensions of a machine are $48 \times 32 \times 52$
if the size is raised proportionally until the sum of dimensions sum of given dimensions is $48 + 32 + 52 = 132$
difference of actual and increased = $156132 = 24$
 $24/3 = 8$
this means each dimension has to raise for 8 units
thus the new dimensions are $56 \times 40 \times 60$

[RAJAMANDAL](#) (2YEARSAGO)

$48:32:52 = 12:8:13$ $156132 = 24$ $24 \times (12/33)$ $24 \times (8/33)$ $24 \times (13/33)$

[GAUTAM](#) (2 YEARS AGO)

Since it is proportionally, you have to do it like this, $48x + 32x + 52x = 156$
 $132x = 156$
 $x = 156/132$, or $x = 13/11$

therefore new dimension = $13/11 \times 48$, $13/11 \times 32$, $13/11 \times 52$

[NISHANTH KUMARTANGUTOORI](#) (2YEARSAGO)
what are new dimensions?(question continuation).

[UTHRA MURUGESAN](#) (1 YEAR AGO) http://www.geekinterview.com/question_details/5446

[SAMBIT KUMARGHOSH](#) (2YEARSAGO) what is the qstn??

Is this solution Helpful? [Yes \(28\)](#) | [No \(1\)](#)

Is this solution Helpful? [Yes \(21\)](#) | [No \(1\)](#)

Is this solution Helpful? [Yes \(6\)](#) | [No](#)

Is this solution Helpful? [Yes \(3\)](#) | [No](#)

Is this solution Helpful? [Yes \(2\)](#) | [No](#)

Is this solution Helpful? [Yes \(1\)](#) | [No](#)

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SHRADDHA CHUNEKAR (2 YEARS AGO)

Is this solution Helpful? [Yes](#) | [No](#) (3)

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Is this solution Helpful? [Yes \(1\)](#) | [No](#)

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SHRADDHA CHUNEKAR (2 YEARS AGO)

🔖 (#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 $= 13/4 = 1/4$
a and c work together $= 1/6 + 1/12 = 3/12 = 1/4$ take reciprocal $4 * \text{remaining work} = 4 * 1/4 = 1$

AMIT KUMAR (2 YEARS AGO)

A complete work in 6 days B complete work in 8 days C complete work in 12 days B's 1 day work $= 1/8$

6 day's work $= 6/8$
remaining work $= 16/8 = 2/8 = 1/4$
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

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GAGAN NIGAM (2 YEARS AGO)

lcm of 6,12,8 is 48 ie units a 1 day =8
b 1day =6
c 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

AKANKI AGRAWAL (2 YEARS AGO)

$\frac{1}{6} + \frac{1}{8} + \frac{1}{12} = \frac{3}{8}$
3/8 work is done in 3 days
therefore 1 day work = $\frac{1}{8}$
6day work = $\frac{3}{4}$
remaining work = $\frac{13}{4}$
 $\frac{1}{4}$
for $\frac{1}{4}$ work no. of days required by 'A' 'C' is 1 day

PADMAVATHI (2YEARSAGO) $\frac{1}{6} + \frac{1}{12} + \frac{1}{8} = \frac{8+4+6}{48} = \frac{1}{8}$

remaining the work: $8 \times \frac{1}{8} = 1$ day

SHAIK HUSSIAN (2 YEARS AGO) my ans is 1 day

SADHIKBHASHA (2 YEARS AGO)

b work is $\frac{6}{8}$ means total 6days work is $\frac{6}{8}$ remaining work is $\frac{1}{8}$

Is this solution Helpful? [Yes \(25\)](#) | [No](#)

Is this solution Helpful? [Yes \(20\)](#) | [No](#)

Is this solution Helpful? [Yes \(3\)](#) | [No](#)

Is this solution Helpful? [Yes \(2\)](#) | [No](#)

Is this solution Helpful? [Yes \(2\)](#) | [No \(2\)](#)

Is this solution Helpful? [Yes \(1\)](#) | [No \(1\)](#)

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ya where is the Question???

Is this solution Helpful? [Yes](#) | [No \(2\)](#)

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[ANKITARANJAN \(2YEARSAGO\)](#) it will be 1

[HARI SANKHAR \(2 YEARS AGO\)](#)
26 because A in 6 so B in 10 and C in 16

Is this solution Helpful? [Yes \(1\)](#) | [No](#)

Is this solution Helpful? [Yes](#) | [No \(9\)](#)

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🔖 (#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

Dear UN,
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 (2 years ago) Solved
Is this Puzzle helpful? Yes (7) No (3)

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Keep an EYE (0) Solved Question (162)

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IBM Interview Experience (27) UnSolved Question (1480)

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 Helpful? [Yes \(1\)](#) | [No](#)

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int N; cin>>N; int F, B, BD, FD, T; for (int i = 0; i < N; ++i) { ...

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

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