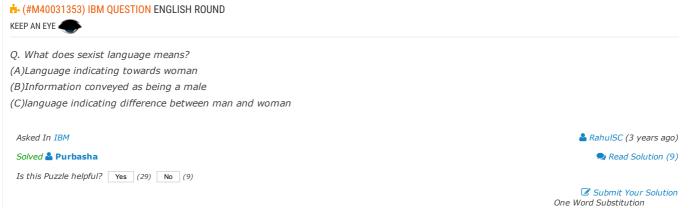


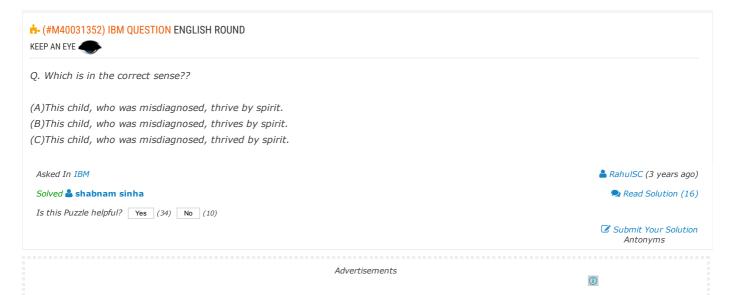


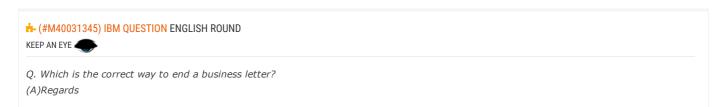
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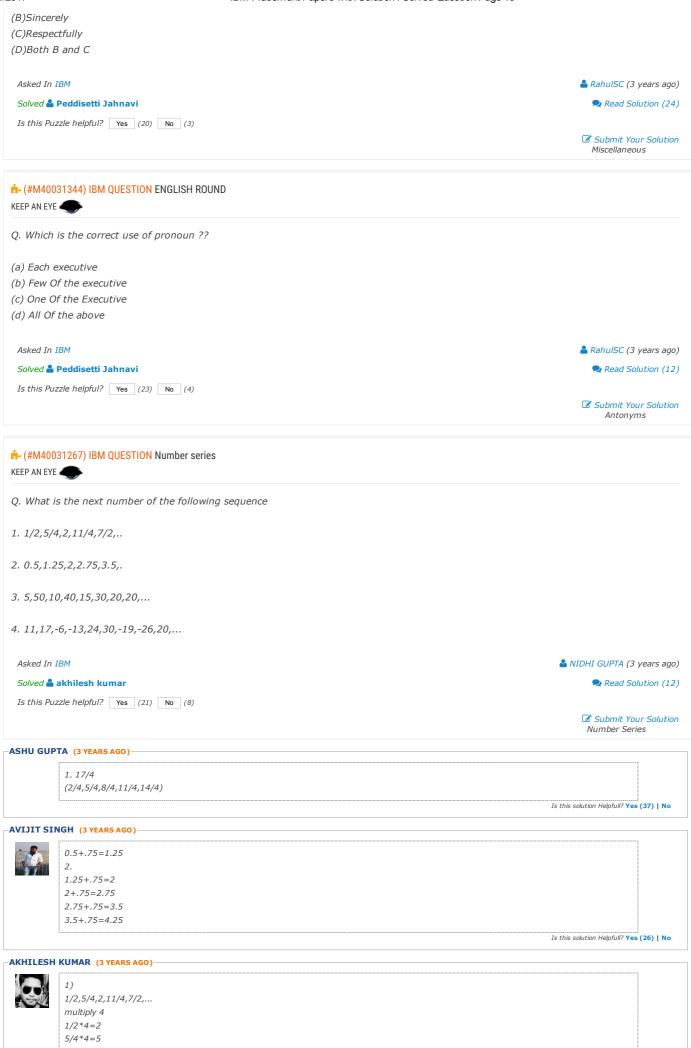
#### IBM Placement Papers with Solution: Solved Question Page 10











```
2*4=8
11/4*4=11
7/2*4=14
hence 2,5,8,11,14
5-2=3
8-5=3
11-8=3
14-11=3
X-14=3
put the value of x is 17
so 17-14=3
so ans is 17
2)
0.5,1.25,2,2.75,3.5,...
1.25-0.5=0.75
2.275-1.25=1.025
3.5-2.275=0.75
X-3.5=1.025
put the value of x is 4.525
4.525-3.5=1.025
so ans is 4.525
5,50,10,40,15,30,20,20,...
5,10,15,20,25
so ans is 25
11,17,-6,-13,24,30,-19,-26,20,....
17-11=6
-13-(-6)=-13+6=-7
30-24=6
-26-(-19)=-26+19=-7
X-20=6
so put the value of x is 26
26-20=6
so ans is 26
                                                                                                              Is this solution Helpfull? Yes (26) | No (6)
```

### WASIM AHMED (3 YEARS AGO)

```
11,17,-6,-13,24,30,-19,-26,20,...
11+6=17
-6-7=-13
+6,-7,+6,-7....
So answer is 20+6=26.
correct me if i am wrong.
                                                                                                                         Is this solution Helpfull? Yes (18) | No (6)
```

### VAISHNAVI ZAWAR (3 YEARS AGO)

```
1. 17/4
2. 4.25
3. 25
4. 26
```

Is this solution Helpfull? Yes (8) | No

```
SUDIPTA SADHUKHAN (3 YEARS AGO)
             question 3
             there are 2 series 5,10,15,20 and another one is 50,40,30,20
             so 25,10
                                                                                                                                   Is this solution Helpfull? Yes (7) | No (1)
```

```
SRAVS (3 YEARS AGO)
```

```
1.
1/2=0.5
0.5+0.75=1.25
5/4=1.25
```

```
1.25+0.75=2
and so on
7/2=3.5+0.75=4.25=17/4
answer is 17/4

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

### SFSDF (3 YEARS AGO)

1.add 3/4 to next tems to obtain the series ans is 17/4
2.0.75 is the common difference.....so the ans is 4.25
3.odd terms are multiples of 5 so ans is 25
4.the diifference between the terms is 6 and -7 alternatively ans is 26

Is this solution Helpfull? Yes (3) | No

#### KHUSHBU (3 YEARS AGO)

5,-,10,-,15,-,20,-,25
for 1st number there is addition of 5 in each next to next number and for second number there is subtraction of 10 in each next to next number

Is this solution Helpfull? Yes (2) | No

#### -RAM (3 YEARS AGO)-

11,17,-6,-13,24,30,-19,-26,20,...

11+6=17
-6-7=-13
+6,-7,+6,-7....

So answer is 20+6=26.

#### VINODREDDY KASIREDDY (3 YEARS AGO)

2:0.5,1.25,2,2.75,3.5....4.25 diff of each is 0.75

Is this solution Helpfull? Yes | No

### SHAIK FEROZ (2 YEARS AGO)

1. the series can be rewritten as 2/4,5/4,8/4,11/4,14/4.

and the difference among the numerators is 3.

so the next term will be 17/4.

Is this solution Helpfull? Yes | No

## ♣ (#M40031265) IBM QUESTION Nuber series

KEEP AN EYE 🔷

- Q. What is the next number of the following sequences
- 1. 38,36,76,35,114,34,...
- 2. 18,6,24,4,30,10,12,2,6,...
- 3. 1.25,3.71,1.50,1,8.1,1.75,-1,9.1,2.00,...
- 4.9,3,6,21,9,12,33,15,18,45,21,24,...

Asked In IBM

Solved & akhilesh kumar

Is this Puzzle helpful? Yes (9) No (5)

▲ NIDHI GUPTA (3 years ago)

Read Solution (23)

Seating Arrangement

### AKHILESH KUMAR (3 YEARS AGO)



1)
38,36,76,35,114,34,..
38\*1=38
38\*2=76
38\*3=114
38\*4=152
so ans is 152

```
18,6,24,4,30,10,12,2,6,...
18/6 = 3
24/46=6
30/10=3
12/2=6
6/X = 3
put x is 2
so 6/2=3
hence ans is 2
9,3,6,21,9,12,33,15,18,45,21,24,...
4th no - 1st no =>21-9=12
7th no - 4th no = > 33-21=12
10th no - 7th no =>45-33=12
13th no -10th no =>X-45=12
put x is 57
so 57-45=12
so ans is 57
                                                                                                                     Is this solution Helpfull? Yes (24) | No
```

#### MADHURI GUPTA (3 YEARS AGO)



```
2. ans=2
6*3=18
4*6=24
10*3=30
2*6=12
50
2*3=6
                                                                                                                     Is this solution Helpfull? Yes (14) | No (7)
```

#### G.SOUJANYA (3 YEARS AGO)

```
3.i think the series is 1.25,3,7.1,1.50,1,8.1,1.75,-1,9.1,2.00
then ans is -3,10.1,2.25
                                                                                                                                 Is this solution Helpfull? Yes (12) | No (4)
```

## SHILPI MATHUR (3 YEARS AGO)

```
1.next no is 152 as at odd places table of 38 goes on... so answer is 38 * 4= 152
                                                                                                                                     Is this solution Helpfull? Yes (6) | No
```

### PAYAL DREAM (3 YEARS AGO)

```
4.936
21 9 12
33 15 18
45 21 24
57
answer=57
                                                                                                                          Is this solution Helpfull? Yes (6) | No
```

### NAGMA WAHID (3 YEARS AGO)

```
4.)(9,3,6),(21,9,12),(33,15,18),(45,21,24),...
9->3+6= 1st term-> 2nd term + 3rd term
tis applies to each grp
now for the first term of 5th grp
9=3*3
21=3*7
33=3*11
45=3*15
57=3*19
so the next term is 57
                                                                                                                        Is this solution Helpfull? Yes (4) | No
```

### SRAVS (3 YEARS AGO)

```
4.ans = 57
3rd term(6)+2nd term(3)=1st term(9)
1st term(9)+12=21
and so on...45+12=57
                                                                                                                           Is this solution Helpfull? Yes (2) | No
```

### SOWMYA KOLLIPARA (3 YEARS AGO)

```
IBM Placement Papers with Solution: Solved Question Page 10
            1.38+36=74+2=76
            76+35=111+3=114
            114+34=148+4=152
                                                                                                                           Is this solution Helpfull? Yes (1) | No
SSS (3 YEARS AGO)
            3. 3,2,1,0,-1,-2,-3
            ans is -3.
            2nd=3 5th=1 8th=-1 11th =-3
                                                                                                                           Is this solution Helpfull? Yes (1) | No
MAINAK KUMAR DAS (2 YEARS AGO)
            4. 9=3+6(3*1=3,3*2=6)
            21=9+12(3*3=9,3*4=12)
            33=15+18(3*5=15,3*6=18)
            45=21+24(3*7=21,3*8=24)
            57=27+30(3*9=27,3*10=30)
                                                                                                                          Is this solution Helpfull? Yes (1) | No
```

#### PRIYANKA KUMARI (2 YEARS AGO)

```
3.)question no 3 is wrong.. it should be" 1.25, 3, 7.1, 1.50, 1, 8.1, 1.75, -1, 9.1, 2.00"
1.25 1.50 1.75 2.00 (x+0.25)
3 1 -1 -3 (x-2)
7.1 8.1 9.1 (x+1.0)
                                                                                                                                 Is this solution Helpfull? Yes (1) | No
```

#### MANDIRA GOSWAMI (1 YEAR AGO)

```
3. sequence: 1.25, 3, 7.1, 1.50, 1, 8.1, 1.75, -1, 9.1, 2.00, ....
!st series: 1.25, 1.50, 1.75, 2.00, ....
2nd series: 3, 1, -1, ....
3rd series: 7.1, 8.1, 9.1, ....
so the answer is: -3, 10.1, 2.25
                                                                                                                                     Is this solution Helpfull? Yes (1) | No (1)
```

### PARUAL DATTA (1 YEAR AGO)



36, 35, 34 difference of 1. 36, 76, 114 difference of 38. 114+38=152 Is this solution Helpfull? Yes (1) | No

### RAMESH.B (3 YEARS AGO)

```
4. ans:57...
                                                                                                                                                               Is this solution Helpfull? Yes | No
```

#### PURBASHA (3 YEARS AGO)

```
there are 2 series
36 35 34.....and
38*2=76
38*3=114
So the next number in the series should be 38*4=144...after that the next number shd be 33
                                                                                                                             Is this solution Helpfull? Yes | No
```

#### -SATHYANARAYANAN (3 YEARS AGO)-

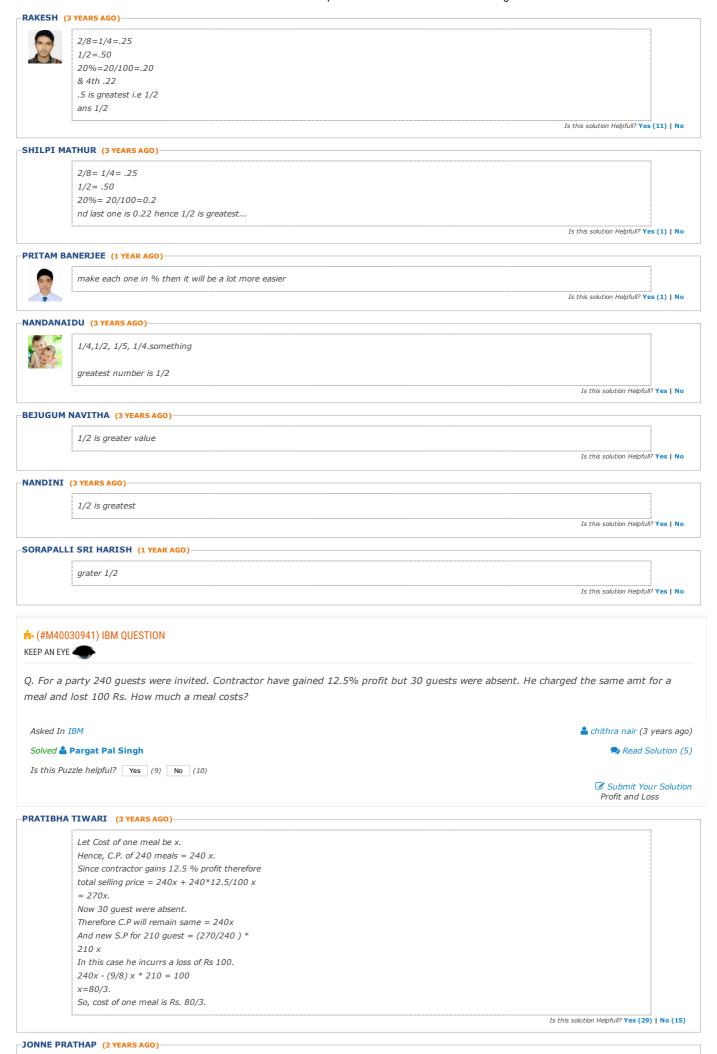
```
1. split the serious
38,76,114,152..(add 38) and 36,35,34,33
ans=152,33
                                                                                                                                   Is this solution Helpfull? Yes | No
```

#### JYOTHSNA (3 YEARS AGO)

```
36,35,34 are in series
38+38=76,76+38=114,114+38=152
                                                                                                                             Is this solution Helpfull? Yes | No
```

#### SOWMYA (3 YEARS AGO)

```
4) for every 1st,4th,7th.. posotions
             9+12=21
             21+12=33..
             for 2nd,5th..postions
             3*1=3
             3*3=9
             3*5=15....
             for 3rd 6th..positions
             3rd=1st-2nd
             6th=4th=5th..
             so and=
             45+12=57
             3*7=21
             57-21=36
             so series is 57,21,36
                                                                                                                                    Is this solution Helpfull? Yes | No
SSS (3 YEARS AGO)
             3. 3,2,1,0,-1,-2,-3
             ans is -3.
             2nd=3 5th=1 8th=-1 11th =-3
                                                                                                                                    Is this solution Helpfull? Yes | No
VIKAS SINGH (3 YEARS AGO)
             1) 152
             2)2
             3) 0.01
             4) series (63,33,30)
                                                                                                                                    Is this solution Helpfull? Yes | No
DHARANI (3 YEARS AGO)
             4. 9,3,6,21,9,12,33,15,18,45,21,24,...
             9-3=6
             21-9=12
            33-15=18
             45-21=24
             So 3rd place series s lyk -> 6,12,18,24
             Nd d 2nd place s lyk alternating multiples of 3-> 3,9,15,21
             So d next series s X-27=30
             So X=57
                                                                                                                                    Is this solution Helpfull? Yes | No
POOJA (3 YEARS AGO)
             1at no- 3*3
             4th no= 3*7
             7th no= 3*11
             11th no=3*15
             13th no=missing no=3*19=57
                                                                                                                                 Is this solution Helpfull? Yes | No (1)
RIDHI (3 MONTHS AGO)
             2> (18/6)(24/4)(30/10)(12/2)(6/2)(6/1)
             36363
             so ans be 6 nd 1.
                                                                                                                                    Is this solution Helpfull? Yes | No
♣ (#M40031248) IBM QUESTION aptitude
KEEP AN EYE
Q. which is greater?
2/8, 1/2, 20%, 0.22
 Asked In IBM
                                                                                                                                    ♣ g.soujanya (3 years ago)
  Solved & RAKESH
                                                                                                                                          Read Solution (7)
  Is this Puzzle helpful? Yes (4) No (0)
                                                                                                                                       Submit Your Solution
                                                                                                                                      Number System
```





Let cost of one meal=x, cp=240x He is getting profit of 12.5% so sp=112.5/100(240x) when 30 guests were absent meal cost remains same and he was lossing 100 rupees so for 210 guests sp=210x+100so 112.5/100(240x)=210x+100=>x=5/3. you can check these value by substituting in the above equations.

Is this solution Helpfull? Yes (12) | No (1)

#### LEELANAND KUMAR YALLA (2 YEARS AGO)



Question itself confusing that contractor will charge 240 members even if 30 were absent or not?

Is this solution Helpfull? Yes (5) | No (1)

### PARGAT PAL SINGH (3 YEARS AGO)



If x is the cost of 1 meal, then 240x\*10/112.5 = 210x+100solving it, we get  $x = Rs \ 30.$ 

Is this solution Helpfull? Yes (4) | No (10)

#### PARGAT PAL SINGH (3 YEARS AGO)



If x is the cost of 1 meal, then 240x\*100/112.5 = 210x+100solving it, we get x = Rs 30.

Is this solution Helpfull? Yes (4) | No (5)

### ♣ (#M40030937) IBM QUESTION

KEEP AN EYE

Q. What is the next number of the following sequence. 34,4,21,59,43,3,20,66,12,2,16,?

Asked In IBM

(3 years ago)

Solved & Swarnali De

Is this Puzzle helpful? Yes (32) No (10)

Read Solution (15)

Submit Your Solution Number Series

### SWARNALI DE (3 YEARS AGO)

ans is 30 34+4+21=59 43+3+20=66 12+2+16=30

Is this solution Helpfull? Yes (44) | No (1)

#### SHIKHA (3 YEARS AGO)

34+4+21=59 43+3+20=66 12+2+16=30 ANS

Is this solution Helpfull? Yes (7) | No

#### PRADIPTA MAITI (3 YEARS AGO)

30 34+4+21=59 43+3+20=66 Accordingly, 12+2+16=30 (Answer)

Is this solution Helpfull? Yes (5) | No

#### -JAYAVARDHAN (3 YEARS AGO)-

34+4+21=59 43+3=20=66 12+2+16=30

Is this solution Helpfull? Yes (4) | No

-SIBA KUMAR SAHU (3 YEARS AGO)



```
34+4+21=59(next term)
43+3+20=66("") so
ans is 12+2+16=30

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

#### SONU GUPTA (3 YEARS AGO)



34+4+21=59 43+3+20=66 12+2+16=30 answer will be 30

Is this solution Helpfull? Yes (2) | No

#### SANJUKTA DEY (3 YEARS AGO)

34+4+21=59 43+3+20=66 12+2+16=30

ans is 30

Is this solution Helpfull? Yes (2) | No

#### -KUNAL MAHADEO MESTRY (3 YEARS AGO)-

taking pairs 34,4 21,59 43,3 20,66 12,2 16,x diff between 34-4=30,43-3=40,12-2=10 and 59-21=38,66-20=46,x-16=? we see in first set 40-30=10 therefore 46-38=8....therefore x is 16+8=24. ans 24....

Is this solution Helpfull? Yes (1) | No (4)

#### -GEETHALAKSHMI.A (3 YEARS AGO)-

34+4+21=59 43+3+20=66 12+2+16=30

Is this solution Helpfull? Yes (1) | No

#### SHIVANAND PRASAD KUMMARA (3 YEARS AGO)

34+4+21=59 43+3+20=66 12+2+16=30

Is this solution Helpfull? Yes (1) | No

## SAHITHI JELDA (2 YEARS AGO)



divide the series into 3 parts
34+4+21=59
43+3+20=66
12+2+16=30
the ans is 30

Is this solution Helpfull? Yes (1) | No

### -KARTHIGA (2 YEARS AGO)-

30...1)divide 3 series 2)add first 3 number gives 4th one.

Is this solution Helpfull? Yes (1) | No

### NAGMA WAHID (3 YEARS AGO)

(34+4+21)->59 (43+3+20)->66 (12+2+16)->30

Is this solution Helpfull? Yes | No

#### -CHAKRAPNI (2 YEARS AGO)

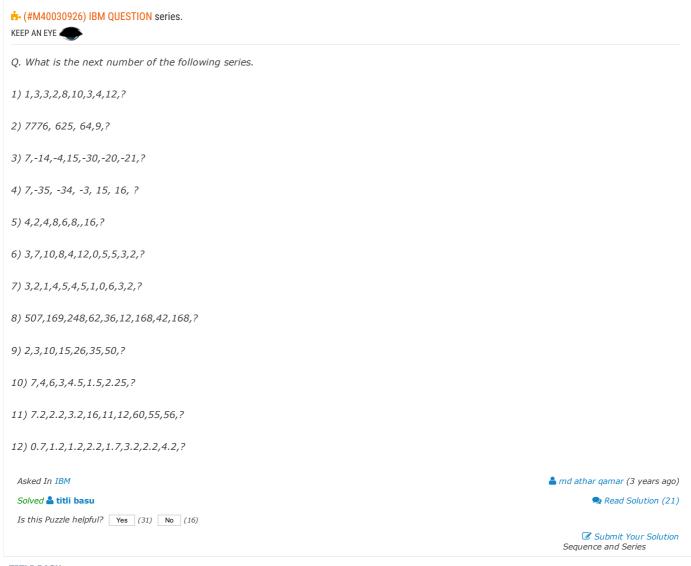
40 16+12+2=40

Is this solution Helpfull? Yes | No

### MEGHASHREE DAS (1 YEAR AGO)

ans. 30 34+4+21=59 43+3+20=66 12+2+16=30

Is this solution Helpfull? Yes | No



```
TITLI BASU (3 YEARS AGO)
           1)1*3=3
           2+8=10
           3*4=12
           ans:4
           2)6^5=7776
           5^4=625
           4^3=64
           3^2=9
           ans:2^1=2
           3)7*(-2)=-14
           15*(-2)=-30
           ans:(-21)* (-2)=42
           4)7*(-5)=-35
           (-3)*(-5)=15
           ordering like this -35,15,?
           next no must be 65
           so,65/(-5)=-13:ans
           5)it is of sequence -2,+2,*2
           6)3+7=10
           8+4=12
           ans:3+2=5
            7)3(2,1) 4(5,4) 5(1,0) 6(3,2)
           ans:7
           8)169*3=507
           62*4=248
           ......
           168/3=56:ans
           9)1*1+1=2
           2*2-1=3
           3*3+1=10
           ans:63
```

```
10)7-4=3,4*1.5=6
6-3=3,3*1.5=4.5
4.5-3=1.5,1.5*1.5=2.25
ans:2.25-3=-.75
11)3.2*5=16
12*5=60
ans:56*5=280
12)2.7
```

#### RITTIK BASU (3 YEARS AGO)

8)507/3=169,248/4=62,36/12=3,168/42=4..alternately divided by 3 and 4..so the last term will be (168/x)=3,ans will b 56

Is this solution Helpfull? Yes (11) | No (4)

#### ABHISEK DE (3 YEARS AGO)



2) 7776=6^5 625=5^4 64=4^3 9=3^2 next should be 2^1=2

Is this solution Helpfull? Yes (7) | No (3)

### SOURISH BARMAN (3 YEARS AGO)

ans:2



@ somnath 5) soln will be..

4-2=2
2\*2=4
4+4=8
.....
8-2=6;
6\*2=12
12-4=8;
.....
16-2=14..
so ans is 14 cheeck...

#### NIDHI GUPTA (3 YEARS AGO)

i m not able to see the answers... though i m logged in. plz help

Is this solution Helpfull? Yes (7) | No

### ROSHAN (3 YEARS AGO)

11)7.2-5=2.2, 2.2+1=3.2, 3.2\*5=16, now again 16-5=11, 11+1=12, 12\*5=60, 60-5=55, 55+1=56, 56\*5=280 so answer is 280

Is this solution Helpfull? Yes (6) | No

### SOURISH BARMAN (3 YEARS AGO)



12)0.7+0.5=1.2 1.2+0.5=1.7 1.7+0.5=2.2 2.2+0.5=2.7 so 2.7 is the ri8 ans..

Is this solution Helpfull? Yes (5) | No (2)

### SUSHANT KUMAR (3 YEARS AGO)



1) 1,3,3 2,8,10 3,4,12 4 ans. 6) 3+7=10 8+4=12 0+5=5 3+2=5 ans

4) 7\*-5=-35 -3\*-5=15 -35+1=-34 15+1=16

(-3)-7=-10

```
so -3-10=-13 ans
              7) there are set of 3 nos.
              (3,2,1)
              (4,5,4)
              (5,1,0)
              (6,3,2)
              so next series starts from 7.
                                                                                                                                    Is this solution Helpfull? Yes (4) | No (5)
ROSHAN (3 YEARS AGO)
              10) 7-3=4, 4*1.5=6, now again
              6-3=3, 3*1.5=4.5,
              4.5-3=1.5, 1.5*1.5=2.25,
              2.25-3=-0.75
              so answer is -0.75
                                                                                                                                    Is this solution Helpfull? Yes (3) | No (1)
SOMNATH KHAMARU (3 YEARS AGO)
              series 5
              4,2,4,8,6,8,16,....
              series is
              2^2, 2,4, 2^3,6,8,2^4 ... next nos are 10,12
                                                                                                                                    Is this solution Helpfull? Yes (3) | No (1)
-MD MAHABUB ALAM (3 YEARS AGO)-
              9) 2*2-1=3, 3*3+1=10,4*4-1=15
              so ans: 8*8-1=63
                                                                                                                                      Is this solution Helpfull? Yes (3) | No
SHUBHI SHUKLA (2 YEARS AGO)
              4) 7,-35,-34,-3,15,16,?
              (7,-35,-34),(-3,15,16)
              7*-5=-35+1=-34
              7-10=-3
              -3*-5=15+1=16
              -3-10=-13
              -13*-5=65+1=66
              ans--(-13,65,66):)
                                                                                                                                      Is this solution Helpfull? Yes (3) | No
SUSHANT KUMAR (3 YEARS AGO)
              12) 0.7, 1.2, 1.2, 2.2, 1.7, 3.2, 2.2, 4.2, ?
              there are two series...
              1) 0.7-1.2=-0.5 1.2-2.2=-1 1.7-3.2=-1.5 2.2-4.2=-2
              2) 1.2-1.2=0 1.7-3.2=-1.5 4.2-?=-3
              so ?=7.2
                                                                                                                                    Is this solution Helpfull? Yes (2) | No (5)
-ROSHAN (3 YEARS AGO)
              3) 7*-2=-14, -14+10=-4,
              15*-2=-30, -30+10=-20,
              -21*-2=42
              so answer is 42
                                                                                                                                      Is this solution Helpfull? Yes (2) | No
PINKI (3 YEARS AGO)
              can you plz post some of ur quants ques
                                                                                                                                      Is this solution Helpfull? Yes (2) | No
VIKI (3 YEARS AGO)
              1 3 3 2 8 10 3 4 12---4
                                                                                                                                       Is this solution Helpfull? Yes | No (1)
ARINDAM GHOSH (3 YEARS AGO)
              12)0.7+1.2=1.9, 1.9-0.7=1.2;
              2.2+1.7=3.9.3.9-0.7=3.2;
```

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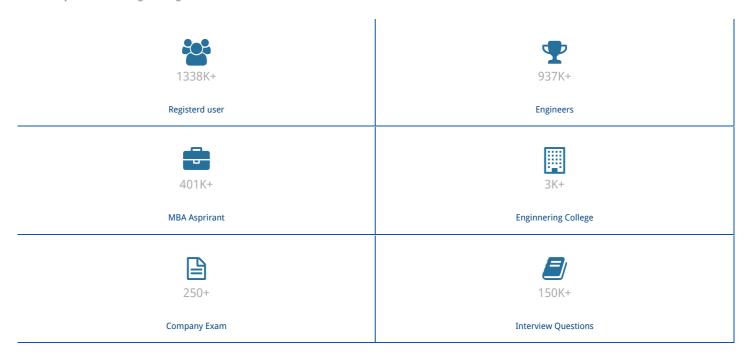
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**INFOSYS Placement Paper** 

**IBM Placement Paper** 

**SYNTEL Placement Paper** 

**TECHNICAL Interview HR Interview** 



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