





Placement Questions / IBM

IBM Placement Papers with Solution: Solved Question Page 3



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♣ (#M40149353) IBM QUESTION Series question KEEP AN EYE

Find the term next in series..

1,1/2,3/2,2,5,1/3,16/3,15,12,1/4,25/4,?

Asked In IBM

Solved 🏝 manasa.pinniboena

Is this Puzzle helpful? Yes (27) No (6)

📤 Anuj Rai (1 year ago)

Read Solution (10)

Submit Your Solution Sequence and Series

DEBOJIT CHATTERJEE (1 YEAR AGO)



[1,1/2,3/2,2],[5,1/3/16/3,15],[12,1/4,25/4,x] 1+1/2=3/2......1/1/2=2 5+1/3=16/3.....5/1/3=15 12+1/4=25/4....12/1/4=48(Ans)

Is this solution Helpfull? Yes (38) | No (36)

SAMAPEEKA (1 YEAR AGO)

 $\begin{array}{l} [1,1/2,3/2,2],[5,1/3,16/3,15],[12,1/4,25/4] \\ 1+[3/2-1/2]^*!=1+1^*!=2 \\ 5+[16/3-1/3]^*2=5+15/3^*2=5+5^*2=5+10=15 \\ 12+[25/4-1/4]^*3=12+24/4^*3=12+6^*3=12+18=30 \\ ans:30 \end{array}$

Is this solution Helpfull? Yes (22) | No (7)

ROJA NAGISETTI (1 YEAR AGO)

1*2= 2 5*3=15 12*4=48 ans) 48

Is this solution Helpfull? Yes (12) | No (3)

MANASA.PINNIBOENA (1 YEAR AGO) 🗹 BEST SOLUTION



1+[(1/2-3/2)*1]=1+1=2 5+[(1/3-16/3)*2]=5+10=15 12+[(1/4-25/4)*3]=12+18=30

Is this solution Helpfull? Yes (9) | No (3)

P GANGADRI (1 YEAR AGO)

```
first divide into three parts
             1,1/2,3/2,5......5,1/3,16/3,15......12,1/4,25/4,????
             1,1/2,3/2,2 see first 1 digit and multiply with denominator and that is the result
             First ::::;;;;1*2=2
             5.1/3.16/3.15 Second:::::5*3=15
             12.1/4,25/4,???? Third::;;::::12*4=48
                                                                                                                              Is this solution Helpfull? Yes (7) | No (2)
NAGALAKSHMI (1 YEAR AGO)
             48 is the answer
                                                                                                                              Is this solution Helpfull? Yes (1) | No (1)
PRASAD (1 YEAR AGO)
             multiply the first number with the denominator to get the fourth number
             1,1/2,3/2,2 =1*2 =2
             5,1/3,16/3,15 = 5*3 = 15
             12,1/4,25/4 = 12*4 = 48ans
                                                                                                                              Is this solution Helpfull? Yes (1) | No (1)
MANOJ BAISOYA (1 YEAR AGO)
             1+[(1/2-3/2)*1]=1+1=2
             5+[(1/3-16/3)*2]=5+10=15
             12+[(1/4-25/4)*3]=12+18=30
                                                                                                                              Is this solution Helpfull? Yes (1) | No (1)
SITARAMAYYA (1 YEAR AGO)-
             Nagalakshmi can you expand your answer?
                                                                                                                                 Is this solution Helpfull? Yes | No (2)
ANUJ RAI (1 YEAR AGO)
             Please explain the solution of this question
                                                                                                                                 Is this solution Helpfull? Yes | No (2)
★ (#M40137367) IBM QUESTION Number Series
KEEP AN EYE
1370 , 1320 , 1070 , -180 ?
-6250 is the correct ans?
  Asked In IBM
                                                                                                                                  ▲ Deepti Malviya (1 year ago)
  Solved & GOPI KRISHNA
                                                                                                                                          Read Solution (20)
  Is this Puzzle helpful? Yes (32) No (12)
                                                                                                                                       Submit Your Solution
                                                                                                                                        Number Series
GOPI KRISHNA (1 YEAR AGO) 🗹 BEST SOLUTION
             1370,1320,1070,-180,?
             1370-50*(5^0)=1320
             1320-50*(5^1)=1070
             1070-50*(5^2)=-180
             -180-50*(5<sup>3</sup>)=-6430.
             So, the next number in the series is 6430......
                                                                                                                             Is this solution Helpfull? Yes (70) | No (8)
THENMOZHI (1 YEAR AGO)
             1370-1320=50 -->50*5=250
             1320-250=1070-->250*5=1250
             1070-1250=-180-->1250*5=6250
             -180-6250=-6430.....so ans:-6480
                                                                                                                            Is this solution Helpfull? Yes (17) | No (11)
AMAN ADITYA (1 YEAR AGO)
```



```
Ans>-6430

Bacause
250*5=1250
-180 -1250=-1430

Is this solution Heloful? Yes (11) | No (2)
```

SHWETS (1 YEAR AGO)

1370-50=1320 1320-50*5=1070 1070-50*5*5=-180 -180-50*5*5*5=-6430

RAMESH PATNALA (1 YEAR AGO)

1370 - 50 = 1320 (50 * 5 = 250) 1320 - 250 = 1070 (250 * 5 = 1250) 1070 - 1250 = -180 (1250 * 5 = 6250) -180 - 6250 = -6430

AARATHI A (1 YEAR AGO)

1370-50=1320 1320-50*5=1070 1070-50*5*5=-180 -180-(50*5*5*5)=-6430

KUMARI PURNIMA (1 YEAR AGO)

since from 1st no 50 is substracted and then the 5x50=250 is subsracted then 5x250=1250 is substracted
and then 5x1250=6250 is substracted from -180
so the ans is -6430

Is this solution Helpfull? Yes (3) | No

SATHISH (1 YEAR AGO)

1370-(10*(5^1))=1320 1320-(10*(5^2))=1070 1070-(10*(5^3))=-180 -180-(10*(5^4))=-6430 ans -6430

-AKSHITA BHANDARI (1 YEAR AGO)

1370-50=1320 1320-250=1070 1070-1250= -180 -180-6250= -6430 Is this solution Helpfuli? Yes (2) | No (1)

-MADDI VENKAT SUVARNA (1 YEAR AGO)

1370-50=1320 1320-250=1070 1070-1250=-180 -180-6250=-6430

Is this solution Helpfull? Yes (2) | No

SANTHOSH (1 YEAR AGO)

-6070 is rit

Is this solution Helpfull? Yes (1) | No (10)

MUHAMMAD RAZIQUE (1 YEAR AGO)



give m solution

Is this solution Helpfull? Yes | No (1)

-MATAM SURESH (1 YEAR AGO)

1370-1320=50 -->50*5=250 1320-250=1070-->250*5=1250 1070-1250=-180-->1250*5=6250 -180-6250=-6430.....so ans:-6480 1/11/2017 IBM Placement Papers with Solution: Solved Question Page 3 Is this solution Helpfull? Yes | No (1) SOMA NARESH (1 YEAR AGO) 1320-1370 = -50 1070-1320 = -250 = 5(-50)-180-1070 = -1250 = 5(-250)x+180 = 5(-1250) = -6250x = 6430Is this solution Helpfull? Yes | No (1) -MEENA (1 YEAR AGO) plz frndz any one send me english assessment questions to my mail id meenareddy285@yahoo.com Is this solution Helpfull? Yes | No (2) MANIKANTA (1 YEAR AGO) 1370-1320=50 50*5=250 Is this solution Helpfull? Yes | No HARITHA GORIJALA (1 YEAR AGO) 1370 to 1320 difference is 50 1320 to 1070 difference is 250 1070 to -180 difference is 1250 -180 next no will be -6250 because to multiply the diffrence in 5 Is this solution Helpfull? Yes | No (1) PRAKHAR SRIVASTAVA (4 MONTHS AGO) Let 1370,1320,1070,-180,x 1320-1370=-50 1070-1320=-250 (-50*5) -180-1070=-1250 (-250*5) Similarly -1250*5=-6250 Hence x-(-180)=-6250 x=-6250-180 Therefore x=6070Is this solution Helpfull? Yes | No SAIRAM (2 MONTHS AGO)

> ans; 6430 Is this solution Helpfull? Yes | No

> > Advertisements

GARNIK KAKOSYAN (2 MONTHS AGO)

-6430 (-180 - 50 *5*5*5)

Is this solution Helpfull? Yes | No



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♣ (#M40131020) IBM QUESTION series

KEEP AN EYE

- 1) 33,8,41,46,21,67,72,47,119,124,?
- 2) 34.274, 34.2744, 34.2784, 34.3184, ?
- 3) 4.2, 26.0, 8.9, 8.4, 52.0, 17.8, 16.8, 104.0
- 4) 1,9,0,2,7,1,3,5,2,4,3,?
- 5) 4,3,6,5,11,10,19,18,30,29,?
- 6)1,1/2,3/2,2,5,1/3,16/3,15,12,1/4,25/4,?
- 7) 2.5, 5.5, 8, 36, 40.5, 263.25?
- 8) 3.6, 8, 4.1, 10.5, 4.6, 13, 5.1,?
- 9) 8.2, 3.9,12.1, 6.2, 4.4, 10.6, 4.2, 10.6, 4.2, 4.9
- 10) 1.25, 3, 7.1, 1.50, 1, 8.1, 1.75, -1, 9.1, 2.00,?
- 11) 8, 6, 22, 26, 54, 58, 86, 90, ?

```
Asked In IBM

Solved induname

Is this Puzzle helpful? Yes (40) No (11)

Submit Your Solution Sequence and Series
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```
INDUNAME (1 YEAR AGO)  

BEST SOLUTION

2) 34.274+0.0004=34.2744
34.2744+0.004=34.2784
34.2744+0.04=34.3184
34.3184+0.4=34.7184

Is this solution Helpfull? Yes (28) | No
```

POOJA (1 YEAR AGO)

```
ans is 99
(33,8,41),(46,21,67),(72,47,119),(124,x,y)
33+8=41
46+21=67
72+47=119
124+x=y
now, we observe 33-8=25
46-21=25
72-47=25
hence, 124-x=25
so x=124-25=99 ans
```

ANUJ RAI (1 YEAR AGO)



```
1.) 33,8,41,46,21,67,72,47,119,124,?
Answer is 99
8-33= -25
46-41=5 this is the sequence of series.
3) 4.2, 26.0, 8.9, 8.4, 52.0, 17.8, 16.8, 104.0
Answer is 35.6
as the 4.2,8.4,16.8
4.2*2=8.4
26.0,52.0,104.0
26.0*2= 52.0
4) 1,9,0,2,7,1,3,5,2,4,3,?
Answer is 3
sum of first three terms 1+9+0=10
2+7+1=10
3+5+2=10
so 4+3+3=10
5) 4,3,6,5,11,10,19,18,30,29,?
Answer is 44
3-4= -1
6-3=3
5-6= -1
11-5=6
10-11= -1
19-10= 9
18-9= -1
30-18=12
and 18-19= -1
8) 3.6, 8, 4.1, 10.5, 4.6, 13, 5.1,?
Answer is 15.5
4.1-3.6= 0.5
10.5-8= 2.5
4.6-4.1= 0.5
13-10.5= 2.5
so the answer is 15.5
                                                                                                                Is this solution Helpfull? Yes (19) | No (4)
```

```
SHILPI KUMARI (1 YEAR AGO)
```

```
11) 8, 6, 22, 26, 54, 58, 86, 90, ?
divide in two part
8,22,54,86,?
8*3-2=24
8*7-2=54
8*11-2=86
8*15-2=118 ans
```

-INDUNAME (1 YEAR AGO)

```
7) 2.5+5.5=8(add two numbers)
36+40.5+263.25=339.75(add three numbers)
8) 3.6*5-10=8
4.1*5-10=10.5
4.6*5-10=13
5.1*5-10=15.5
9) i think above given series is wrong. correct series is 8.2, 3.9, 12.1, 6.2, 4.4, 10.6, 4.2, 4.9, ?
8.2+3.9=12.1
6.2+4.4=10.6
4.2+4.9=9.1
```

CHANDRA SHEKHAR (1 YEAR AGO)

```
ans11: (8,6),(22,26),(54,58),(86,90),(118,122)
22-26=4
54-22=32
86-54=32

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

SOURABH (1 YEAR AGO)

```
8,-6,22,26,54,58,86,90
-6+28=22
26+28=54
58+28=86
90+28=118
ans: 118

Is this solution Helpfuli? Yes (4) | No (1)
```

DINESH KUMAR KK (1 YEAR AGO)

```
1)99
2)34.7184
3)35.6
4)3
5)44
6)19
8)15.5
10)-3
11)100

Is this solution Helpfull? Yes (3) | No (9)
```

VASUKI (1 YEAR AGO)

```
1) 33,8,41,46,21,67,72,47,119,124
answer is 223
33+8=41;
46+21=67;
72+47=119;
(33-46-72= diff of in series 13,26,52
47+52=99;)
124+99=223
Is this solution Helpful? Yes (3) | No (11)
```

-SHRAVANTHIREDDY (1 YEAR AGO)



```
1)...,8,.....,21,......,47,......,??????

8*2+5 = 21
21*2+5 = 47
47*2+5 = 99

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

SUNIL KUMAR (4 MONTHS AGO)

```
10) 1.25, 3, 7.1, 1.50, 1, 8.1, 1.75, -1, 9.1, 2.00,?
(1.25, 3, 7.1), (1.50, 1, 8.1), (1.75, -1, 9.1), (2.00,x,y)
1.25+.25=1.50
3-2=1
7.1+1=8.1
1.50+.25=1.75
1-2=-1
8.1+1=9.1
1.75+.25=2.00
-1-2=-3
9.1+1=10.1
x=2.00+.25=2.25
```

SUNIL KUMAR (4 MONTHS AGO)

```
5) 4,3,6,5,11,10,19,18,30,29,?

4-3=1 and 6-3=3

6-5=1 and 11-5=6

11-10=1 and 19-10=9

19-18=1 and 30-18=12

30-29=1 and "x-29=15" or x=15+29 or x=44
```

(2 MONTHS AGO)

```
7. 2.2,5.5,8,36,40.5,263.25,?

Ans: 269.75

Explanation:
Lets take first two digits
5.5/2.2 = 2.5
add 2.5 + 5.5 = 8
now 36/8 = 4.5
4.5+36 = 40.5
263.25/40.5 = 6.5
6.5 + 263.25 = 269.75
Ans: 269.75

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

ANTONY LOUIS L (1 YEAR AGO)

```
1)99
2)34.3112(not sure)
3)25.6
4)3
5)44
8)15.5
9)9.1(i think question is wrong)
10)-3

Is this solution Helpfuli? Yes (1) | No (1)
```

BALAJI (1 YEAR AGO)

```
2.2,5.5,8,36,40.5,263.25,340,748,1714,?
(2.2,5.5),(8,36),(40.5,263.25),(340,748),(1714,x)
5.5=2.2*2+2.2/2
36=8*4+8/2
263.25=40.5*6+40.5/2
748=2*340+340/5

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

SAI_1992 (1 YEAR AGO)



POOJA (1 YEAR AGO)

D N L MURTHY (1 YEAR AGO)

34.274+0.0004=34.2744 34.2744+0.004=34.2784 34.2744+0.04=34.3184 34.3184+0.4=34.7184 so ans i s 34.7184

Is this solution Helpfull? Yes (1) | No

SHREYA (3 MONTHS AGO)

10. 1.25, 1.50,1.75,2.00 and 7.1 8.1 9.1 and 3 1 -1 are three series next will be -1-2 =-3 ans

Is this solution Helpfull? Yes (1) | No

SRIPARNA BHATTACHARJEE (2 MONTHS AGO)

```
1) (33-8)=25 33+8=41,
(46-21)=25 46+21=67, and so on..
(124-99)=25. ans=99
2) lets consider after the decimal .274 .2744 .2784 .3184
so .274 =.2740 =>now, 2740+4=2744, 2744+40=2784, 2784+400=3184, 3184+4000=7184
ans=34.7184
3)consisting of 3 series: (4.2,8.4,16.8), (26,52,104), (8.9,17.8,x)
in a series next number= previous*2;
so x=17.8*2=35.6=ans
4) taking 3 at a time: (1+9+0)=10, ((2+7+1)=10,... so (4+3+x)=10, so x=3 (ans).
5)(4-3)=1 and 6-3=3
(6-5)=1 11-5=6
(11-10)=1 19-10=9
...so on
(30-29)=1 x-29=15, so x=44(ans)
6) firstly last term given in the series should be 49/4 and not 25/4!!
grouping them into 4: (1,1/2,3/2,2) here 3/2-1/2=2/2=1 (the 1st term) and 4th term=numerator 2
(5.1/3.16/3.15) here 16/3-1/3=15/3=5 4th = 15
(12,1/4,49/4,x) here 49/4-1/4=48/4=12 4th = 48.
ans=48.
7)grouped in 2's: 5.5/2.2=5/2
36/8=9/2
263.25/40.5=13/2
748/340=17/2 so ans = 340.here 340 should be given for calculating the pattern.
8) group in 2's: (8-3.6)=4.4. (10.5-4.1)=6.4. (13-4.6)=8.4. (x-5.1)=10.4 so x=15.5 (ans)
9)3rd one is the sum of 1st two. given series not complete.one more term should be provided.
10)there are 3 series: every 1st term every 2nd and every 3rd..
(1.25,1.50,1.75,2.00), (3,1,-1,x), (7.1,8.1,9.1,...)
1st series +.25, 2nd -2, 3rd +1; so x=-1-2=-3(ans)
11)grouped into 2: (8,22,54,86,x), (6,26,58,90,...)
1st series: 8*3-2=22, 8*7-2=54, 8*11-2=86, 8*15-2=118=x=ans.
2nd series: 6*4+2=24, 6*9+4=58, 6*14+6=90 and so on...
```

Is this solution Helpfull? Yes (1) | No

NAVYASREE (1 YEAR AGO)

4.3 patterns are there. 1,2,3,4 9-2=7,7-2=5.. 9,7,5,3 0,1,2,3 so answer is 3

Is this solution Helpfull? Yes | No (1)

```
BALAJI (1 YEAR AGO)
             7) 2.5, 5.5, 8, 36, 40.5, 263.25?
             (2.5 * 2) + 5 = 5.5
             (8*4)+4 = 36
             (40.5*5)+3=263.5
                                                                                                                                 Is this solution Helpfull? Yes | No (18)
VASUKI (1 YEAR AGO)
             3)4.2, 26.0, 8.9,8.4, 52.0, 17.8, 16.8, 104.0
             answer is (26.7,25.2)
             26.0 , 52.0, 104.0 (each by *2)
             8.9-8.4=0.5;
             17.8-16.8=1.0; (8.9*2 - 8.4*2)
             26.7-25.2=1.5; (8.9*3 - 8.4*3)
                                                                                                                                  Is this solution Helpfull? Yes | No (2)
GAYAM.MAHENDRA@GNAIL.COM (1 YEAR AGO)
             11) dif of nums are like 2 ,16,4,28,4,28,4, x
             then x should be 16
             16+90=106
                                                                                                                                  Is this solution Helpfull? Yes | No (4)
SHRIRAM S (1 YEAR AGO)
             10) 3-2=1
             1-2=-1
             -1-2=-3
                                                                                                                                  Is this solution Helpfull? Yes | No (2)
-LAKSHMISINDHUJA (1 YEAR AGO)-
             1)ans 86
             divide the sequence into 3 parts
             33,8,41(33+8=41) and 46,21,67(46+21=67)and 72,47,119(72+47=119),124,?
             here we have to derive or establish a relationship between 8,21,47,?
             8+13(13*1)=21
             21+26(13*2)=47
             47+39(13*3)=86
                                                                                                                                  Is this solution Helpfull? Yes | No (2)
KONDURU.SINDHU PRIYA (1 YEAR AGO)
             7)263.25+6.5=269.75
             ans:269.75
                                                                                                                                  Is this solution Helpfull? Yes | No (5)
SUDHA SUBRAMANIAM (5 MONTHS AGO)
             5) 4,3,6,5,11,10,19,18,30,29
             Take it as pairs (4,3) (6,5) (11,10) (19,18) (30,29)
             Calculate difference between next pair's x and previous pair's y
             6-3=3 (1*3)
             11-5=6 (2*3)
             19-10=9 (3*3)
             30-18=12 (4*3)
             So next number should be
             44-29= 15 (5*3)
             So the answer is 44
                                                                                                                                     Is this solution Helpfull? Yes | No
SAIKAT SOBHAN MONDAL (4 MONTHS AGO)
             5> 4,3,6,5,11,10,19,18,30,29,?
             |..-1..+3..-1..+6..-1.. +9 .. -1.. +12.. -1..+15 (Answer will be 29+15=44)
                                                                                                                                     Is this solution Helpfull? Yes | No
PALSA SRINATH (4 MONTHS AGO)
             8) 15.5 IS CORRECT ANSWER
                                                                                                                                     Is this solution Helpfull? Yes | No
ANINDO (2 MONTHS AGO)
             5) 4,3,6,5,11,10,19,18,30,29
```

first make pairs of 2 number each.. (4,3) (6,5)(11,10)(19,18)(30,29)

```
difference between 3 and 6 is 3
             difference between 5 and 11 is 6
             likewise
             u will see that all the difference is the multiple of 3 and the last multiple is 15 so add 15 to 29 you will get 44 SO (44,43) ANS
                                                                                                                                    Is this solution Helpfull? Yes | No
GARNIK KAKOSYAN (2 MONTHS AGO)
             1) 99 (+13, +26 + 52)
             2) 24.7184 (+.0004, +.004, +.04)
             3) 35.6 (16.8 * 2 + 0.5 * 2 * 2)
             4) 56 (x, x* 3 +1, x *3 -1 )
             5) 44(-1 + n*3)
             6) 1/5 (int, int, 1/n)
             7) 308.75 (dec1, dec2, dec1+ dec2)
             8) 15.5 (+4.4 + 2 * n, -3.9 + 2*n)
             9) 9.1 (a, b, a + b)
             10) -3 (x, x-2, x-4)
             11) 118 (x, x + 4, (x + 4) +28)
                                                                                                                                    Is this solution Helpfull? Yes | No
♣ (#M40123892) IBM QUESTION Fill in the blanks
KEEP AN EYE
Solve this..
..... + ..... + ..... = 30
Fill the boxes using
(1, 3, 5, 7, 9, 11, 13, 15)
  Asked In IBM
                                                                                                                               & Rajul Singh Gaur (1 year ago)
  Solved a supratip bhattacharya
                                                                                                                                         Read Solution (19)
  Is this Puzzle helpful? Yes (90) No (20)
                                                                                                                                       Submit Your Solution
                                                                                                                             Suggest its Topic
SUPRATIP BHATTACHARYA (1 YEAR AGO) & BEST SOLUTION
             15+factorial(3)+9=30
             factorial(3)=6
                                                                                                                             Is this solution Helpfull? Yes (24) | No (7)
PAPOLU (1 YEAR AGO)
             odd+odd=even
             even+odd=odd
             so, 30 is an even number it is not possible
             1+3+5=9 3+5+7=15
             1+5+7=13 3+7+9=19
             1+7+9=17 5+7+9=21
             5+9+11=25 5+11+13=29...
             6+11+13=5+12+13=5+11+14=30
             one must be the odd number
                                                                                                                             Is this solution Helpfull? Yes (16) | No (5)
MAHENDER SOLKAPALLY (1 YEAR AGO)
             15+3!+9=30()
             so the correct answer is 15+3!+9=30
                                                                                                                                 Is this solution Helpfull? Yes (9) | No
LAVANYA RATHNAM (1 YEAR AGO)
             (5-3-1)+(7+9)+(15-13)+11=30
                                                                                                                              Is this solution Helpfull? Yes (7) | No (4)
G.GOUTHAMI (1 YEAR AGO)
             any one explain this problem?
             how it is possible...
                                                                                                                              Is this solution Helpfull? Yes (5) | No (1)
```

```
SIVA PRATHYUSHA PATNAIKUNI (1 YEAR AGO)
                            11+13+3!=30
                                                                                                                                                                                                                                                                                   Is this solution Helpfull? Yes (3) | No
P KRISHNA (1 YEAR AGO)
                            Gouthami is right.
                                                                                                                                                                                                                                                                             Is this solution Helpfull? Yes (2) | No (2)
SEKHAR VENKATA SUBBU (1 YEAR AGO)
                            15+13+(3-1)=30
                                                                                                                                                                                                                                                                             Is this solution Helpfull? Yes (2) | No (1)
RITESH DEO (1 YEAR AGO)
                            first thing is that sum of 3 odd numbers can never be an even number, so we need to use some operators for this question, the answer can
                            be as - (9+3!)+15=30
                            other way can be - (3^3)+3=30. (if repetition is allowed).
                            other way can be (3^2)+1+5+15=30.
                            so we need to use mathematical operators for this questions.
                                                                                                                                                                                                                                                                             Is this solution Helpfull? Yes (2) | No (1)
GAURAV KUMAR SINGH (4 MONTHS AGO)
                            U will be amazed to open the page about this riddle.
                            https://qph.ec.quoracdn.net/main-qimg-9e80bd6a67e0816813216c79858953ec-c?convert\_to\_webp=true, and the properties of t
                            And solution is : never solve by using base 10, So
                            13(base 9)+15(base 9)+1(base 9)=30(base 9)
                                                                                                                                                                                                                                                                                  Is this solution Helpfull? Yes (1) | No
SINDHUPANDIAN (1 YEAR AGO)
                            1+(7*3)+9-5+(2*2)=30
                            last 3 numbers subtract one by one value is 2.then this two values is multiply.
                                                                                                                                                                                                                                                                                         Is this solution Helpfull? Yes | No
PASUPULETI HARITHA (1 YEAR AGO)
                            any one explain this pob
                                                                                                                                                                                                                                                                                         Is this solution Helpfull? Yes | No
SWATHI (1 YEAR AGO)
                            15+7.5+7.5
                                                                                                                                                                                                                                                                                    Is this solution Helpfull? Yes | No (4)
KARTHEEK (1 YEAR AGO)
                            15+13+(3-1)=30
                                                                                                                                                                                                                                                                                         Is this solution Helpfull? Yes | No
DIVYA (1 YEAR AGO)
                            (15-5)+(11-5)+(15-1)=30
                                                                                                                                                                                                                                                                                         Is this solution Helpfull? Yes | No
ARCHIT (1 YEAR AGO)
                            the sum of three odds is always odd so solution not possible
                                                                                                                                                                                                                                                                                         Is this solution Helpfull? Yes | No
PRASANNA CHANDRAN (11 MONTHS AGO)
                            Why go all the way till factorial theory- if we are allowed an operator: (7/3+11/3)+(15)+(9)=30
                                                                                                                                                                                                                                                                                         Is this solution Helpfull? Yes | No
SUMATHI (6 MONTHS AGO)
                            11+4+15=30
                                                                                                                                                                                                                                                                                    Is this solution Helpfull? Yes | No (1)
ABHISHEK MANDAL (4 MONTHS AGO)
                            (15-1) + 11 + 5
                            = 14 + 11 + 5
```

```
= 30
             Hope everyone get this now....
                                                                                                                                Is this solution Helpfull? Yes | No (1)
★ (#M40122480) IBM QUESTION solve the sequence
KEEP AN EYE
1,2,3,5,7,10,13,17,_
  Asked In IBM
                                                                                                                              ▲ SANTOSH SAHOO (1 year ago)
  Solved & Sakshi Dikshit
                                                                                                                                         Read Solution (29)
  Is this Puzzle helpful? Yes (36) No (5)
                                                                                                                                      Submit Your Solution
                                                                                                                                       Number Series
SAKSHI DIKSHIT (1 YEAR AGO) SEST SOLUTION
             Ans. 21
             The difference between 1 and 2 = 1. And difference between 3 and 2 = 1.
             Similarly the difference between 5 and 3 = 2. And the difference between 7 and 5 = 2.
             Next the difference between 10 and 7 = 3 and 13 and 10 = 3.
             And the difference between 17 and 13 = 4. So the next digit after 17 must be at a difference of 4. Thus 17 + 4 = 21.
                                                                                                                            Is this solution Helpfull? Yes (49) | No (2)
VISHNU PRASAD V (1 YEAR AGO)
             ANS IS 21
             1+1=2
             2+1+3
             3+2=5
             5+2=7
             7+3 =10
             10+3=13
             13+4=17
             17+4=21
                                                                                                                            Is this solution Helpfull? Yes (12) | No (1)
PRADIP SANA (1 YEAR AGO)
             +1 +1 +2 +2 +3 +3 +4 +4 etc
                                                                                                                             Is this solution Helpfull? Yes (4) | No (1)
UMA (1 YEAR AGO)
             1st series:1,3,7,13,21,....difference:2,4,6,8...
             2nd series:2,5,10,17,26,....difference:3,5,7,9...
                                                                                                                                Is this solution Helpfull? Yes (3) | No
BOMMA SHWETHA (1 YEAR AGO)
             1+1=2
             2+1=3
             3+2=5
             5+2=7
             7+3=10
             10+3=13
             13+4=17
             17+4=21
                                                                                                                                Is this solution Helpfull? Yes (2) | No
MAHENDER SOLKAPALLY (1 YEAR AGO)
             ans is 21
             1+1=2
             2+1+3
             3+2=5
             5+2=7
             7+3=10
             10+3=13
             13+4=17
             17+4=21
                                                                                                                                Is this solution Helpfull? Yes (2) | No
```

```
21.
             Explanation if we break d above series in two sub series i.e.
             1,3,7,13 i.e
             3=2+1
             7=4+3
             13=6+7
             so d next term will be
             13+8=21 (multiple of 2).
                                                                                                                                  Is this solution Helpfull? Yes (1) | No (1)
G VENKATARAMANA (1 YEAR AGO)
             19 bcz of prime numbers
                                                                                                                                 Is this solution Helpfull? Yes (1) | No (17)
LAVANYA RATHNAM (1 YEAR AGO)
             asw=22
             (1+2)-0=3
             (2+3)-0=5
             (3+5)-1=7
             (5+7)-2=10
             7+10-4=13
             10+13-6=17
             17+13-8=22
                                                                                                                                  Is this solution Helpfull? Yes (1) | No (2)
DEVENDRA MARGHADE (1 YEAR AGO)
             (1+1=2), (2+1=3), (3+2=5), (5+2=7), (7+3=10), (10+3=13), (13+4=17), (17+4=21)
                                                                                                                                     Is this solution Helpfull? Yes | No (1)
-VEENA PAVANI (1 YEAR AGO)
             ans is 21.
             for the first&second number add 1.for the 3rd&4th number add 2 like that for 17 add 4.
                                                                                                                                        Is this solution Helpfull? Yes | No
KAJU GUPTA (1 YEAR AGO)
             1(0)2(0)3(4)5(6)7(8,9)10(11,12)13(14,15,16)17(18,19,20)21
             21 is answer
                                                                                                                                        Is this solution Helpfull? Yes | No
KOUSHIK ROY (1 YEAR AGO)
             it is alternate series please check carefully 1,3,7,13,,21 because gap b/w 1 to 3 is 2,3 to 7 is 4,7 to 17 is 6 then 13 to 21 is 8 so it must be
             21.
                                                                                                                                        Is this solution Helpfull? Yes | No
NAGAPATLA.REKHA (1 YEAR AGO)
             their are 2 series in the sequence
             1+2=3,3+4=7,7+6=13 (add answer with even numbers)
             2 + 3 = 5,5 + 5 = 10,10 + 7 = 17 (add answer with odd number)
             so the answer is 13+8=21
                                                                                                                                        Is this solution Helpfull? Yes I No.
MARA MOUNICA (1 YEAR AGO)
             21, after 1,1+1,2+1,3+2,5+2,7+3,10+3,13+4,17+4=21
                                                                                                                                        Is this solution Helpfull? Yes | No
SHABANA BANU SHAIK (1 YEAR AGO)
             21...diff b/w 2 and 1 is 1 and 3 and 2 is 1,diff b/w 5 and 3 is 2 in d same way diff b/w 7 and 5 is 2...lyk wise diff b/w 13 and 10 is 3......diff
             b/w 21 and 17 is 4
                                                                                                                                        Is this solution Helpfull? Yes I No.
ANKITA GUPTA (1 YEAR AGO)
             1+1=2
             2+1=3
             3+2=5
```

5+2=7

```
7+3=10
10+3=13
13+4=17
17+4=21
i.e. 21 is answer

Is this solution Helpfull? Yes | No
```

RAJAN GUPTA (1 YEAR AGO)



2-1=1, 3-2=1 5-3=2, 7-5=2 10-7=3, 13-10=3 17-13=4, so 21-17=4 Answer is 21

Is this solution Helpfull? Yes | No

SANATH THANUKU (1 YEAR AGO)



alternate:1,3,7,13 is diffrence=2+4+6....8=21ans 2,5,10,17 is3,5,7......

Is this solution Helpfull? Yes | No

JYOTI KATARIA (1 YEAR AGO)

1+1=2,2+1=3,+2=5,+2=7,+3=10,+3=13,+4=17,+4=21 ans is 21

Is this solution Helpfull? Yes | No

ASMIT KUMAR (1 YEAR AGO)

ANS IS 21 1+1=2 2+1+3 3+2=5 5+2=7 7+3=10

7+3 =10 10+3=13 13+4=17 17+4=21

Is this solution Helpfull? Yes | No

LAKSHMI (1 YEAR AGO)

21 1+1=2+1=3 3+2=5+2=7 7+3=10+3=13 13+4=17+4=21

Is this solution Helpfull? Yes | No

ROOPA (1 YEAR AGO)

find the differences 1-2=1

2-3=1 3-5=2

5-7=2

5-7=2 7-10=3

10-13=3

13-17=4

17-21=4

answer :21

Is this solution Helpfull? Yes | No

AARATHI A (1 YEAR AGO)

ans=21

1 2 3 (4) 5 (6) 7 (8)(9) 10 (11)(12) 13 (14)(15)(16) 17 (18)(19)(20) 21 skip all nos in brackets

Is this solution Helpfull? Yes | No

PRAVESH KUMAR (1 YEAR AGO)

ans is 21

first two is gap 1 next two is 2 gap and next two again 3

```
and other next will 4
            17+4=21
                                                                                                                              Is this solution Helpfull? Yes | No
MANUPOTI ANAND (1 YEAR AGO)
            1+1=2
            2+1=3
            3+2=5
            5+2=7
            7+3=10
            10+3=13
            13+4=17
            17+4=21
                                                                                                                           Is this solution Helpfull? Yes | No (1)
ASHRAF MOHAMMAD (1 YEAR AGO)
            21 2-1,3-2 difference 1, 5-3,7-5 difference 2 10-7,13-10 difference 3 17-13,21-17 difference 4
                                                                                                                           Is this solution Helpfull? Yes | No (1)
SAMJUKTA DAS (2 MONTHS AGO)
            It will he 21
                                                                                                                              Is this solution Helpfull? Yes | No
DIPTABHAS (28 DAYS AGO)
            1 and 2 difference = 2 and 3 difference
            3 and 5 difference = 5 and 7 difference
            7 and 10 difference = 10 and 13 difference
            13 and 17 difference = 17 and 21 difference
            ans: 21
                                                                                                                              Is this solution Helpfull? Yes | No

★ (#M40094584) IBM QUESTION number series

KEEP AN EYE
1) 1,1/2,3/2,2,5,1/3,16/3,15,12,1/4,49/4
2) 48,24,35,7,16,8,75,15,80
3)-27,9,-3,81,-27,9,54
4) 6,3,3,9,12,5,7,35,8,6,2
5) 7,-14,-4,15,-30,-20,-21,42
6) 7,4,6,3,4.5,1.5,2.25,-0.75
7) 7,0,1,8,5,12,9,26,3,23,2,28
8) 13,21,32,49,78,131
9) 2,3,10,15,26,35,50
10) 115,100,86,74,65,60,60
11) 40,39,37,33,26,15
12) 13,24,36,23,34,56,33,44,96,43,54
13) 2/3,5/3,19/6,31/6,23/2,32/3,85/6
14) 5,16,22,68,28,87,34,106,11
15) 4,11,66,74,370,379
 Asked In IBM
                                                                                                                            ARPITA AICH (2 years ago)
  Solved A Pradip Vadarale
                                                                                                                                   Read Solution (26)
  Is this Puzzle helpful? Yes (22) No (2)

■ Submit Your Solution

                                                                                                                                 Number System
PRADIP VADARALE (1 YEAR AGO) SEST SOLUTION
            All answers are:-
            1) [1 1/2 3/2 2] [5 1/3 16/3 15] [12 1/4 49/4 ?]
            1st term+ 2nd term=3rd
            1st term / 2nd term=4th
            ans is 48
            2)[48 24] [35 7] [16 8] [75 15] [80 ?]
            48/2=24
            35/5=7
```

```
16/2=8
75/5 = 15
80/2=40
ans =40
3) [-27 9 -3[ [81 -27 9] [54 ? ?]
-3*-3=9
9*-3=-27
like this
-18*-3=54
ans is 54 -18 6
4) [6 3 3 9] [12 5 7 35] [8 6 2 ?]
2nd + 3rd = 1st
2nd *3rd =4th
so ans is 12
5) 7 -14 -4 15 -30 -20 -21 42 ?
1st *-2=2nd
2nd + 10=3rd
like this
7*-2=-14
ans is 42+10=52
6)7 4 6 3 4.5 1.5 2.25 -0.75
see 1 3 5 7 9 term
7-1=6
6-1.5=4.5
4.5-2.25=2.25
2.25-1.25=1
because diff is 1 1.5 2.25 so next is 1.25
7) [7 0 1 8] [5 12 9 26] [3 23 2 28]
see 1st term of each group is
7 5 3 so next is 1
ans 1
8) 13 21 32 49 78 132
21-13= 8
32-21=11----> 11-8=3
49-32=17---> 17-11=6
78-49=29---> 29-17=12
131-78=53---> 53-29=24
then (24*2)=48+53=101 and 131+101= 232
9)2 3 10 15 26 35 50
2^2=4-1=3
3^2=9+1=10
4^2=16-1=15
5^2=25+1=26
6^2=36-1=35
7^2=49+1=50
8^2=64-1=63
ans =63
10) 115 100 86 74 65 60 60 ?
115-100=15
100-86=14
86-74=12
74-65=9
65-60=5
60-60=0
60-x=-6
x=66
11) 40 39 37 33 26 15 ?
39-2=37
37-4=33
33-7=26
26-11=15
15-16=-1
ans =-1
12)[13 24 36] [ 23 34 56] [33 44 96] [43 54 ?]
```

```
1st term each group is +10 of previous
2nd is +10 of previous
3rd is like 20 40 60
so ans is 156
13)series should be
2/3 5/3 19/6 31/6 23/3 32/3 85/6
2/3+1=5/3
19/6+2=31/6
23/3+3=32/3
85/6+4=109/6
ans is 109/6
14)5 16 22 68 28 87 34 106 11 ?
5*3+1=16
22*3+2=68
28*3+3=87
34*3+4=106
11*3+5=38
ans 38
15) 4 11 66 74 370 379 ?
4+7=11
66+8=74
74*5=370
370+9=379
379*4=1516
ans 1516
                                                                                                          Is this solution Helpfull? Yes (33) | No (3)
```

SHIVANGI (1 YEAR AGO)

```
1+1/2=3/2

1*2=2

5+1/3=16/3

5*3=15

12+1/4=49/4

12*4=48

ans. 48
```

MUNISH YADAV (1 YEAR AGO)



2) 48,24,35,7,16,8,75,15,80 48=24*2 35=7*5 16=8*2 75=15*5 80=x*2 x=40

MUNISH YADAV (1 YEAR AGO)



3)-27,9,-3,81,-27,9,54
-27/-3=9
9/-3=-3
81/-3=-27
-27/-3=9
54/-3=-18

Is this solution Helpfull? Yes (5) | No (3)

PRATIKSHA ASHOK KARODADE (2 YEARS AGO)

1)1, 1/2,3/2,2,5,1/3,16/3,15,12,1/4,49/4 1+1/2=3/2, 3/2+2=2 5+1/3=16/3, 1/3-16/3=15 12+1/4=49/4, 1/4+49/4=50 ans:50

Is this solution Helpfull? Yes (4) | No (22)

-MUNISH YADAV (1 YEAR AGO)-



9) 2,3,10,15,26,35,50 2=1*1+1 3=2*2-1

```
10=3*3+1
15=4*4-1
26=5*5+1
35=6*6-1
50=7*7+1
63=8*8-1
Is this solution Helpfull? Yes (4) | No
```

MUNISH YADAV (1 YEAR AGO)



6) 7,4,6,3,4.5,1.5,2.25,-0.75
7-4=3
4-6=-2
6-3=3
3-4.5=-1.5
4.5-1.5=3
1.5-2.25=-0.75
2.25-(-0.75)=3
-0.75-x=0.25
x=1

Is this solution Helpfuli? Yes (3) | No (3)

KRITI (1 YEAR AGO)

```
5). 7*-2=-14 , -14+10=-4
15*-2=-30 , -30+10=-20
-21*-2 =42 ,42+10 = 52
```

Is this solution Helpfull? Yes (3) | No

-GURUNATHAM (1 YEAR AGO)-

```
7) question should be 7,0,1,8,5,12,9,26,3,23,2 ? then Then next number=28 (7+0+1=8),(5+12+9=26),(3+23+2=28)
```

Is this solution Helpfull? Yes (3) | No

MUNISH YADAV (1 YEAR AGO)



4) 6,3,3,9,12,5,7,35,8,6,2
6-3=3
3*3=9
12-5=7
7*5=35
8-2=6
6*2=12

Is this solution Helpfull? Yes (2) | No (3)

MUNISH YADAV (1 YEAR AGO)



10) 115,100,86,74,65,60,60
115-100=15
100-86=14
86-74=12
74-65=9
65-60=5
60-60=0
60-x=-6
x=66

MUNISH YADAV (1 YEAR AGO)



```
11) 40,39,37,33,26,15

40-39=1

39-37=2

37-33=4

33-26=7

26-15=11

15-x=16

x=-1
```

-MANJU (1 YEAR AGO)-

```
8) 13,21,32,49,78,131

21-13= 8

32-21=11----> 11-8=3

49-32=17---> 17-11=6

78-49=29---> 29-17=12
```

```
131-78=53---> 53-29=24
then (24*2)=48+53=101 and 131+101= 232
                                                                                                                   Is this solution Helpfull? Yes (2) | No (1)
```

MUNISH YADAV (1 YEAR AGO)



```
8) 13,21,32,49,78,131
21-13=8
32-21=11
49-32=17
78-49=29
131-78=53
x-131=48
x = 179
                                                                                                                  Is this solution Helpfull? Yes (1) | No (14)
```

MUNISH YADAV (1 YEAR AGO)



```
12) 13,24,36,23,34,56,33,44,96,43,54
13-24=-11
24-36=-12
36-23=13
23-34=-11
34-56=-22
56-33=23
33-44=-11
44-96=-52
96-43=53
43-54=-11
54-x=-102
x = 156
                                                                                                              Is this solution Helpfull? Yes (1) | No (1)
```

JYOTHI (1 YEAR AGO)

```
14) 5,16,22,68,28,87,34,106,11
5*3+1=16
22*3+2=68
28*3+3=87
34*3+4=106
11*3+5=38
                                                                                                               Is this solution Helpfull? Yes (1) | No
```

RANJITH KUMAR (1 YEAR AGO)

```
actually series is given worng 7,0,1,8,5,12,9,26,3,23,2,-?
7+0+1=8
5+12+9=26
3+23+2=28
ans is 28
                                                                                                                         Is this solution Helpfull? Yes (1) | No
```

RAVI (4 MONTHS AGO)

```
8. 13,21,32,49,78,131
sol:- (13*2)-5=21
(21*2)-10=32
(32*2)-15=49
(49*2)-20=78
(78*2)-25=131
(131*2)-30=232 so Ans will be 232
                                                                                                                     Is this solution Helpfull? Yes (1) | No
```

TRIVEDI (3 MONTHS AGO)

```
6) 7, 4, 6, 3, 4.5, 1.5, 2.25, -0.75, ?
7-4=3
4-6=-2
6-3=3
3-4.5=-1.5
4.5-1.5=3
1.5-2.25=-0.75
2.25-(-0.75)=3
-0.75-x=0.25
```

Is this solution Helpfull? Yes (1) | No

VEER (2 YEARS AGO)

2) 48,24,35,7,16,8,75,15,80 $48=2*24,\ 35=5*7,\ 16=2*8,75=5*15,\ 80=2*40$ 3)-27,9,-3,81,-27,9,54, 1458

Is this solution Helpfull? Yes | No (3)

MEGHNA SINGH (1 YEAR AGO)

can anyone please submit the solutions of these questions...!

Is this solution Helpfull? Yes | No

MUNISH YADAV (1 YEAR AGO)



5) 7,-14,-4,15,-30,-20,-21,42 7*-2=-14 -2*2=-4 15*-2=-30-2*10=-20 -21*-2=42

Is this solution Helpfull? Yes | No (8)

SIDDHARTH SETHI (1 YEAR AGO)

-2*18=-36

6. -1.125 because 2.25*1.5=3.375 and 2.25-3.375=1.125

Is this solution Helpfull? Yes | No (1)

MONIKA SHARMA (1 YEAR AGO)

Is this solution Helpfull? Yes | No

SNIGDHADEB SAMANTA (1 YEAR AGO)

15) 4,11,66,74,370,379 (4+7)=11 (11*6)=66(66+8)=74(74*5)=370(370+9)=379 (379*4)=1516 ans. 1516

Is this solution Helpfull? Yes | No

HAZEERA (1 YEAR AGO)



10) 115-100=15 86-74=12 60-56=4(i.e, 4*3=12 and 5*3=15)it is correct or not we can take in this method also know

Is this solution Helpfull? Yes | No

♣ (#M40092179) IBM QUESTION Eng

KEEP AN EYE



- Q1. Which of the following will you choose for a short notice to change the lunch hours?
- 1)Specific details.
- 2)Context and problem.
- 3)Regarding lunch.
- 4)hours All the above.
- Q2. kelly is a good babysitter. Qualified, professional and fun
- 1) dangling modifier.
- 2) run on sentence.
- 3) a sentence fragment.

| Q3. The question below consists of a pair of related words followed by four pair of words. Select the pair that best express the relation in the original pair: Deprecate: Credit |
|---|
| a. enhance: disparage. b. bait: heckle. c. unfair: biased. d. discourage: force. |
| Q4. Convert into passive/active voice. |
| They objected to my proposal(My proposal is objected by them). People believe him to be innocent(He is believed to be innocent by the people). The invigilator was reading out the instructions(The instructions were being read by the invigilator). |
| Q5. Convert into direct/ indirect speech. |
| 1. The preacher said, "Honesty is the best policy." The preacher told that Honesty is the best policy. |
| 2. I said to my father, "I am coming back after two hours I told to my father that I will be coming back after two hours. |
| Q6. What does sexist language means? |
| (A) Language indicating towards woman (B) Information conveyed as being a male (C) language indicating difference between man and woman |
| Q7. Which is in the correct sense? |
| (A) This child, who was misdiagnosed, thrive by spirit.(B) This child, who was misdiagnosed, thrives by spirit.(C) This child, who was misdiagnosed, thrived by spirit. |
| Q8. It is considered a breach of etiquette ta have documents signed by administrative assistant TRUE Or FALSE?? |
| Q9. Sign by blue ink is authentic if done by blue ink TRUE or FALSE |
| Q10. Introduction should be added |
| (A) before brainstorm.(B) same time of body of letter.(C) at end of letter. |
| Q11. Which is the correct way to end a business letter? |
| (A) Regards. (B) Sincerely. (C) Respectfully. (D) Both B and C. |
| Q12. Which is the correct use of pronoun ? |
| (a) Each executive. (b) Few Of the executive. (c) One Of the Executive. (d) All Of the above. |
| Q13. Which is correct? |
| (a) Dear President Smith; |

| (b) Dear Mr Smith; (c) Dear Mr Smith |
|--|
| d) Dear Mr Smith Q14. The formal business letter contains. |
| 1) Regards. 2) Sincerely. |
| 3) Respectfully. 4) 2&3. 5) All above. |
| Q15.**Ranny was with sally n me. |
| Ranny was with sally n I. Ranny was with me n Sallyfind correct one |
| Q16. What to include in business letter. |
| - Purpose Reason of writing For whom intended. |
| - All of above. |
| Q17. Enclosures(3) meaning 3 attachments are there in addition to the letter. true or false? |
| Q18. Which of the following will you choose for a short notice to change the lunch hours? |
| 1) Specific details. 2) Context and problem. 3) Regarding lunch hours. 4) All the above. |
| Q19. How to end business letter? |
| - Regards Sincerely Respectfully. |
| - a & c. |
| Q20. Is it necessary to include a table of contents regardless of the size of the document. true or false? |
| Q21. Name is Roger Smith, who is also the president. What is the proper salutation? |
| -Dear Mr. Roger Smith, -Dear Mr. Roger: -Dear Mr. Smith: -Dear President Smith: |
| Q22. The coachy my best friend play with me everyday. Write the sentence using comma at appropriate position |
| Q23. In formal letter for better understanding. |
| 1. Papeat ideas with picture and all |

```
2. repeat important ideas.
 3. Refrain from repeating ideas.
 4. One and two.
   Asked In IBM
                                                                                                                          ▲ VIKAS REDDY MURRA (2 years ago)
   Solved A Pradip Vadarale
                                                                                                                                         Read Solution (21)
   Is this Puzzle helpful? Yes (52) No (11)
                                                                                                                                       Submit Your Solution
                                                                                                                                            Antonyms
 ♣ (#M40041270) IBM QUESTION
 KEEP AN EYE
 A can do in 6 day and B can do in 8 and C can do in 12 days but b left after working for 6 days for how many no of day
 A and C shluld work ?
   Asked In IBM
                                                                                                                               ▲ Debdulal Mandal (2 years ago)
   Solved & sruthi
                                                                                                                                          Read Solution (17)
   Is this Puzzle helpful? Yes (25) No (11)

■ Submit Your Solution

                                                                                                                                        Time and Work
 KOPPOLU NAGA SRAVANI (2 YEARS AGO)
              B for one day work is 1/8
              he worked for 6 days, so 6*1/8=3/4 work will be completed.
              remaining work is 1-3/4=1/4
              A and C can complete the work in 4 days
              but there is only 1/4 work that is to be completed, so A and C can complete 1/4 work in 1 day...
              answer: 1 day
                                                                                                                             Is this solution Helpfull? Yes (30) | No (1)
 SRUTHI (2 YEARS AGO) SEST SOLUTION
              a=1/6
              b = 1/8
              c=1/12
              b left after 6 days so 6*1/8=3/4
              work remaining =1-3/4=1/4
              a+c=1/6+1/12=18/72=1/4 ( a \& c take 4 days to complete the whole work ) 1 work=4 days
              no of days for 1/4th of work = 1 day
                                                                                                                             Is this solution Helpfull? Yes (29) | No (3)
 BHASKAR BALU PAWAR (2 YEARS AGO)
              try to find out their efficiencies and LCM first
              so we get
              LCM of 6,8,12=48 nothing but a total work to do
              efficiencies
              A=48/6=8
              B=48/8=6
              C=48/12=4
              therefore B finishes his work in 6 days 6*6=36
              remaining work=48-36=12
              that can be finished by A & C in
              12/(8+4)=12/12
              1 must be the answer
                                                                                                                            Is this solution Helpfull? Yes (21) | No (13)
 SRI REDDY (2 YEARS AGO)
              let x be the no. of days..
              6/8+x/6+x/12=1
              solving we get x=1 ...so 1 day is the answer
                                                                                                                             Is this solution Helpfull? Yes (18) | No (2)
 KARTHIK (2 YEARS AGO)
              6(a+b+c)+x(a+c)=1
              9/4+x/4=1
              x=5days,remaining days will be 5days
                                                                                                                              Is this solution Helpfull? Yes (6) | No (1)
PAVAN REPALLE (1 YEAR AGO)
```

this type of problems try like this. lets assume total work = total no of chocolates.

a = 6 days

b = 8 days

c = 12 days

find out LCM of a,b, and c = 48

So total chocolates = 48 (assume total work = total chocolates).

a can able to eat all chocolates in 6 days. So in one day he can able to eat = 8 choclates

b can able to eat all chocolates in 8 days. So in one day he can able to eat = 6 choclates

c can able to eat all chocolates in 12 days. So in one day he can able to eat = 4 choclates.

Now look at the question b worked for 6 days, so he can eat 36 choclates in 6 days(1 day = he can eat 6 chocs)

remaining chocolates = 48-36 = 12.

Is this solution Helpfull? Yes (5) | No (3)

RAKESH (2 YEARS AGO)

a,b,c worked for 6days their work is 6*(1/6+1/8+1/12)=9/4 remaining work is 1-9/4=5/4 (work cannot be -ve) and now a and c has to complete the remaining work =efficiency /time ... so a+c eff= 1/6+1/12=1/4... time= 1/4*4/5=ie.......5days......guys let me know if i am wrong

A and C can combinely eat 12 chocolates per day. So they will take 1 days to complete the remaining work

Is this solution Helpfull? Yes (4) | No (3)

TIRUPATHI REDDY (2 YEARS AGO)



No need to work because A lonely can do whole work in 6 days. They can do double work in 6 days.

A do in 6 days, b Do in 8 days, c do in 12 days. B left after working 6 days, The work done by three of them is (in 6 days) 6(1/6+1/8+1/12) = 9/4

Is this solution Helpfull? Yes (2) | No (9)

SENTHILKUMAR SIVRAMAN (2 YEARS AGO)

A-1/6
B-1/8
C-1/12
B(6days)--->6*1/8--->3/4
Remaining work--->1/4
A+C(1day)--->>1/6+1/12--->1/4
SO they complete it in 1 day

Is this solution Helpfull? Yes (1) | No

HARSHA VARDHAN (4 MONTHS AGO)

Take an LCM of (6,8,12)=24...So A can complete in 6days compare 6 wid 24==>6*4===>4...So B can complete in 8days compare 8 wid 24==>8*3===>3...So C can complete in 12days compare 12 wid 24==>12*2===>2...B left after 6days means they worked for 6days and then B left... So 6(A+B+C)===>6(4+3+2)==>6*9=54... A+B+C=54-24==>i.e., 30...So after 6days B left.. A+C=30/4+2...

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

CHANDRAVARDHAN (2 YEARS AGO)



FOR 6 days 6(1/6+1/8+1/12)

a&c can do it in

 $=\{1/6+1/12\} - 6\{1/6+1/8+1/12\}$ = simplify this

Is this solution Helpfull? Yes | No (7)

-PRAVEEN KUMAR VISHWAKARMA (2 YEARS AGO)

A and C working together only 1 day

Is this solution Helpfull? Yes | No (1)

PRACHI (1 YEAR AGO)

```
A+B+C=(1/6+1/8+1/12)=9/24

1 day work = 9/24*6=9/4

The work will be done by three of them will be 9/4

Remaining work done = 1-9/4=5/4.

multiply it with B days = 5/4*8=10 days.ans
```

BALAJI (1 YEAR AGO)

Guys plz Try Understand the question...
There is NO A+B+C work..

Simply A do a WOrk in 6 days

B do in 8 days

c do in 12 days..

do not combine three ...
just consider B work only, If B continues to work it complete in 4 days,
but due to some problem it only works for 6 days, remaing 1/4 work should b completed in 4 days...

SHAIK SHARINA (1 YEAR AGO)



ans:1 day
chacolate method:
lcm of a,b,c=144
so work = 144chacolates
a can eat 144/6=24 chacolates per day
b can eat 144/8=18 c/day
c can eat 144/12=12 c/d
b can do awork in 6 days=6*18=108
a+c eat remaining chacolates=12+24=36chacolates/day
so ans is 1day

Is this solution Helpfull? Yes | No (1)

SHAIK SHARINA (1 YEAR AGO)



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a+c eat remaining chacolates=12+24=36chacolates/day
so ans is 1day

Is this solution Helpfull? Yes | No (1)

SAKET BIHAREE (1 YEAR AGO)

3 women=2 man then 21 women =14 man then apply formula (m 1 *d 1* h 1)/w 1=(m 2*d 2* h 2)/w 2 15*8*21=14*6*d 2 d 2= (15*8*21)/(14*6) =30

Is this solution Helpfull? Yes | No (3)

♣ (#M40040907) IBM QUESTION ibm questions

KEEP AN EYE

1) 0,1,1,2,0.5,2,2,4,2,2,4,3,7,2,?

2) 1,1,2,4,6,36,39,1521,?

3) 7776,625,64,9,?

```
4)-3,6,1,-2,4,-1,-1,2,-3,?

5) 33,8,41,46,21,67,72,47,119,124,?

Asked In IBM

Solved ♣ RAKESH

Is this Puzzle helpful? Yes (35) No (13)

Submit Your Solution Number Series
```

RAKESH (2 YEARS AGO) SEST SOLUTION 1) 0,1,1,2,0.5,2,2,4,2,2,4,3,7,2,? (0,1,1,2,0.5),(2,2,4,2,2),(4,3,7,2,?)0+1 = 1 , 1/2 = .5 2+2 = 4 , 4/2 = 2 4+3 = 7, 7/2 = 3.5 2) 1,1,2,4,6,36,39,1521,? (1,1),(2,4),(6,36),(39,1521),(?,?) $(1,1^2),(2,2^2),(6,6^2),(39,39^2),(?,?)$ 1st no.s 1,2,6,39,? 1^2+1=2, 2^2+2 = 6, 6^2+3 = 39, 39^2+4 = 1525 ans(1525, 1525^2) 3) 7776,625,64,9,? 6^5,5^4,4^3,3^2,2^1 ans = 24)-3,6,1,-2,4,-1,-1,2,-3,? (-3,6,1),(-2,4,-1),(-1,2,-3),(?,?,?)*-3 * -2 = 6 , 6-5 = 1* -2* -2 = 4 , 4-5 = -1 -1 *-2 = 2 , 2-5 = -3 0* -2 = 0, 0-5 = -5ans (0,0,-5)5) 33,8,41,46,21,67,72,47,119,124,? (33,8,41),(46,21,67),(72,47,119),(124,?,?) 1st + 2nd = 3rd1st - 2nd = 25=> 124 - x = 25=> x = 99Is this solution Helpfull? Yes (119) | No (3)

THEJU (2 YEARS AGO)

will questions come from this site in ibm.? i have decided to refer only this site ... some one who attended ibm plz reply.... bcz i don want to loose this chance already i have lossed many chance so plz plzzzzzzzzzz some one help me...

Is this solution Helpfull? Yes (118) | No (16)

HITESH JAIN (2 YEARS AGO)

```
5. (33,8,41),(46,21,67),(72,47,119),(124,?,?)
(33, 8, 41)
(41+5=46, 8+13*1=21, 46+21=67)
(67+5=72, 21+13*2=47, 72+47 = 119)
(119+5=124, 47+13*3=86, 124+86=210)
so ans is: (124, 86, 210)

Is this solution Helpfuli? Yes (4) | No (5)
```

YAMUNA (2 YEARS AGO)

```
1,1,2,4,6,36,39,1521,?
4-2=2
39=36=3,
?-1521=4
SO 1521+4=1525.

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

MANISH KUMAR SINGH (2 YEARS AGO)



```
1,1^2,2,2^2,6,6^2,39,39^2
so fst equatn is 1,2,6,9
i.e 1^2+1=2,2^2+2=4,6^2+3=39,39^2+4=2125
then no is 2125,2125^2
3) 6^5=7776
5^4=625
4^3=64
3^2=9
2^1=2
4) -3,-2,-1 ,_0_ ,6, 4, 2, _0_, 1, -1,-3,_-5_
so ans is 0.0,-5
5)
41-33=8
67-46=21
119-72=47
202-124=78
so ans is 78 202
```

Is this solution Helpfull? Yes (1) | No (8)

ANUSHA (2 YEARS AGO)

```
obsrv 3term digits...41,67,119
67-41=26
119-67=26+26=52
so...124+2nd num=3rd num
3rd num -119=104
3rd num=233
2nd num=233-124=99
```

Is this solution Helpfull? Yes (1) | No

MANOJ BAISOYA (1 YEAR AGO)



```
1) 0,1,1,2,0.5,2,2,4,2,2,4,3,7,2,?
(0,1,1,2,0.5),(2,2,4,2,2),(4,3,7,2,?)
0+1=1 , 1/2=.5
2+2 = 4 , 4/2 = 2
4+3=7, 7/2=3.5
2) 1,1,2,4,6,36,39,1521,?
(1,1),(2,4),(6,36),(39,1521),(?,?)
(1,1^2),(2,2^2),(6,6^2),(39,39^2),(?,?)
1st no.s 1,2,6,39,?
1^2+1=2, 2^2+2=6, 6^2+3=39, 39^2+4=1525
ans(1525, 1525^2)
3) 7776,625,64,9,?
6^5,5^4,4^3,3^2,2^1
ans = 2
4)-3,6,1,-2,4,-1,-1,2,-3,?
(-3,6,1),(-2,4,-1),(-1,2,-3),(?,?,?)
-3 * -2 = 6 , 6-5 = 1
-2*-2=4, 4-5=-1
-1 *-2 = 2 , 2-5 = -3
0* -2 = 0.0 - 5 = -5
ans (0,0,-5)
5) 33,8,41,46,21,67,72,47,119,124,?
(33,8,41),(46,21,67),(72,47,119),(124,?,?)
1st + 2nd = 3rd
1st - 2nd = 25
=> 124 - x = 25
=> x = 99
```

Is this solution Helpfull? Yes (1) | No

-JAYSHANKAR PRASAD AKELA (1 MONTH AGO)

```
5) 33,8,41,46,21,67,72,47,119,124,?
33+8=41
41+5=46, 8*2+5=21,46+21=67 ->(46,21,67)
```

```
IBM Placement Papers with Solution: Solved Question Page 3
            67+5=72, 21*2+5=47,72+47=119->(72,47,119)
            119+5=124,47*2+5=99,124+99=123->,(124,99,223)
                                                                                                                       Is this solution Helpfull? Yes (1) | No
NEETESH (1 YEAR AGO)
```

5) 33,8,41,46,21,67,72,47,119,124,? (33,8,41),(46,21,67),(72,47,119),(124,?) 33+8=41. 46+21=67, and so on. and series in middle 8,21,47,? 21-8=13(13*1) 47-21=26(13*2) x-47=39(13*3) so ans is 47+39=86 Is this solution Helpfull? Yes | No (2)



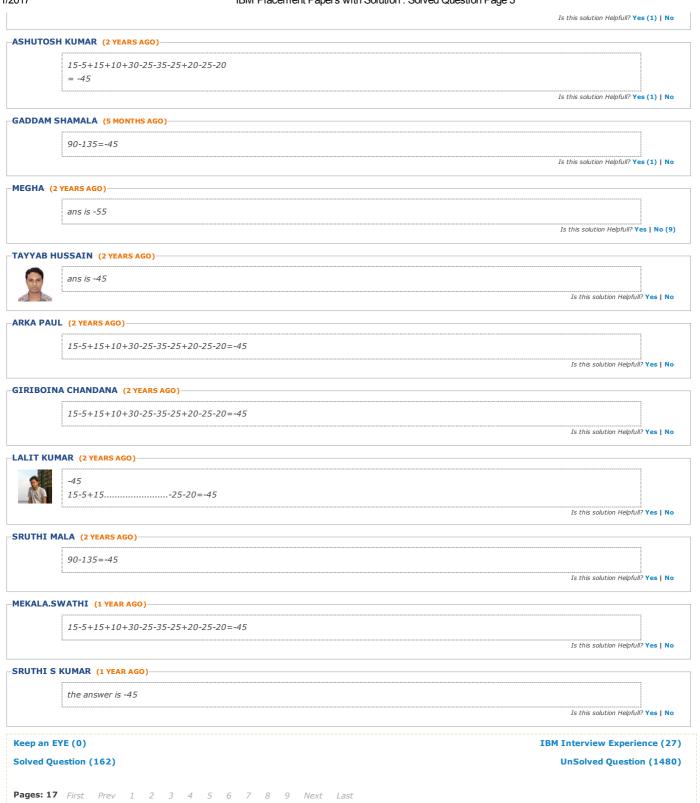






```
ASMITA XAVIER DUNG DUNG (2 YEARS AGO)
           15-5+15+10+30-25-35-25+20-25-20
           simple rule of addition n subtraction
```

Is this solution Helpfull? Yes (1) | No





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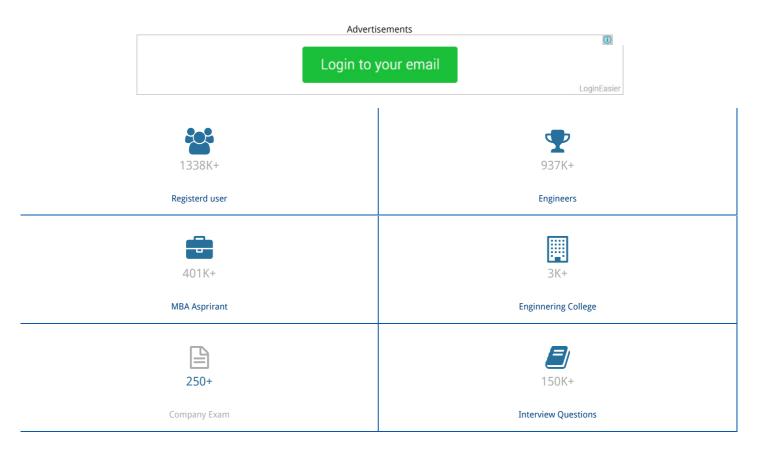
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