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Placement Questions / IBM

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Keep an EYE (0)   IBM Interview Experience (27)

Solved Question (162)   UnSolved Question (1480)

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🧩 (#M40034601) IBM QUESTION NUMBER SERIES

KEEP AN EYE 👁

What is the next number of the following sequence
21(1/5), 7(2/3), 2, 23(1/5), 8(2/3), 4, 25(1/5), ...

Asked In IBM   👤 *Deepika KV (2 years ago)*

Solved 👤 **RAKESH**   💬 *Read Solution (3)*

Is this Puzzle helpful? [Yes] (4) [No] (0)

                                                         ✍ *Submit Your Solution*
                                                         Number Series

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RAKESH **(2 YEARS AGO)**

21(1/5),7(2/3),2,23(1/5),8(2/3),4,25(1/5), x, y
[21(1/5),7(2/3),2],[23(1/5),8(2/3),4],[25(1/5),x,y]

21(1/5),7(2/3),2,
23(1/5),8(2/3),4,
25(1/5), x , y

x=9(2/3) y=6

                                    Is this solution Helpfull? **Yes (31)** | **No (2)**

LOGANAYAGI **(2 YEARS AGO)**

Group the number sequence as follows:
21(1/5), 7(2/3), 2
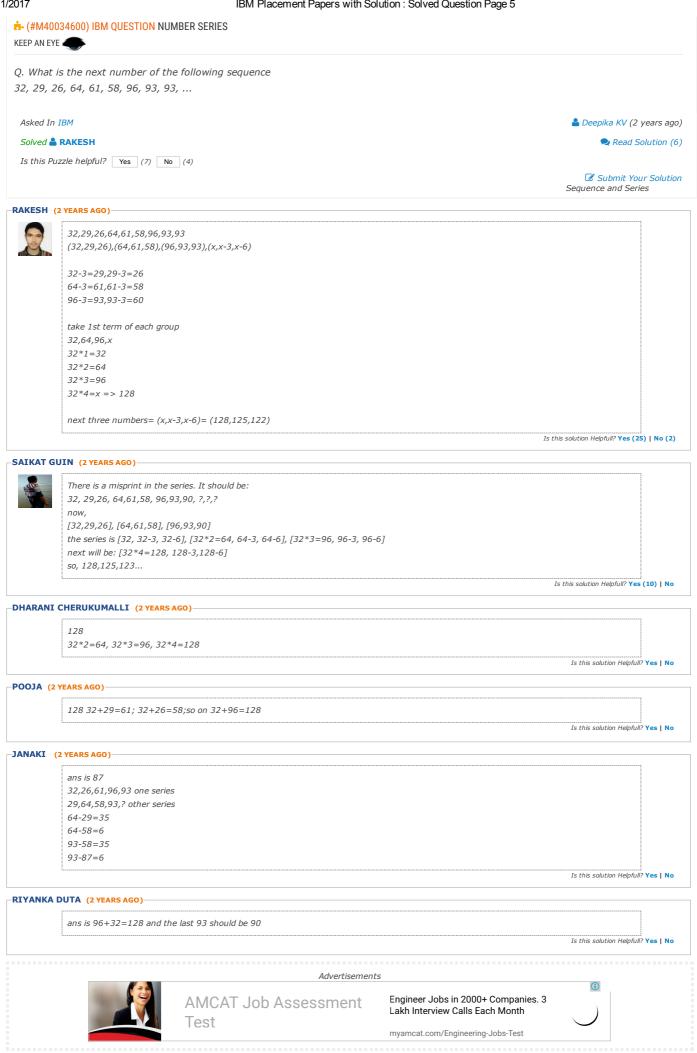*23(1/5), 8(2/3), 4*

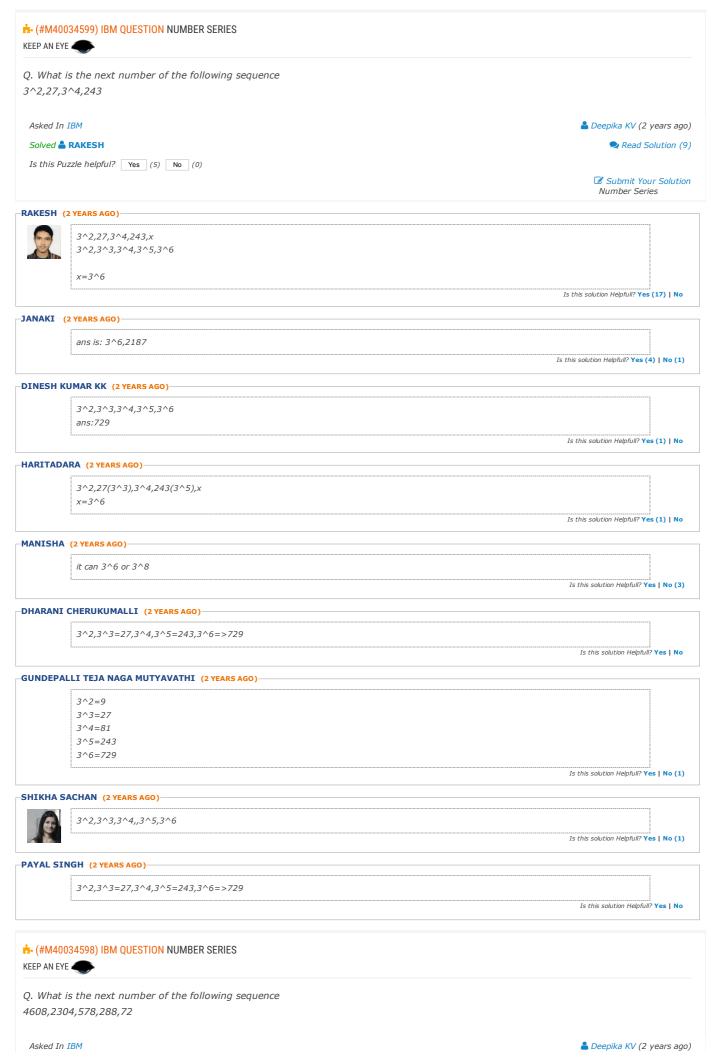*so the next group will be*
25(1/5), 9(2/3), 6

so 9(2/3) is the answer

                                    Is this solution Helpfull? **Yes (12)** | **No (1)**
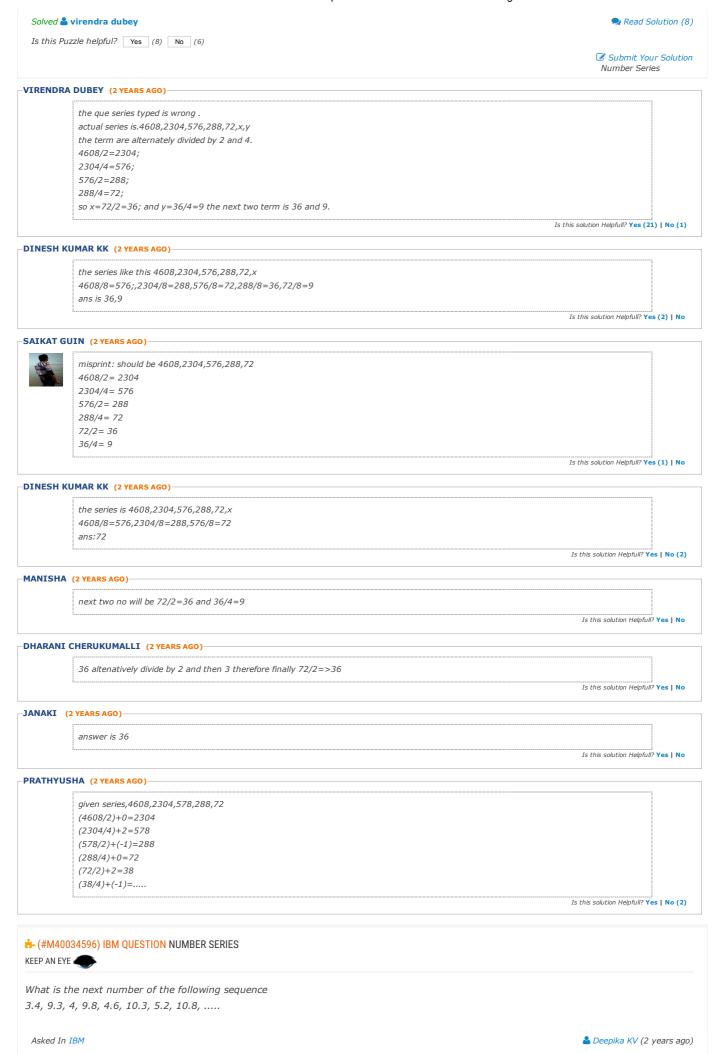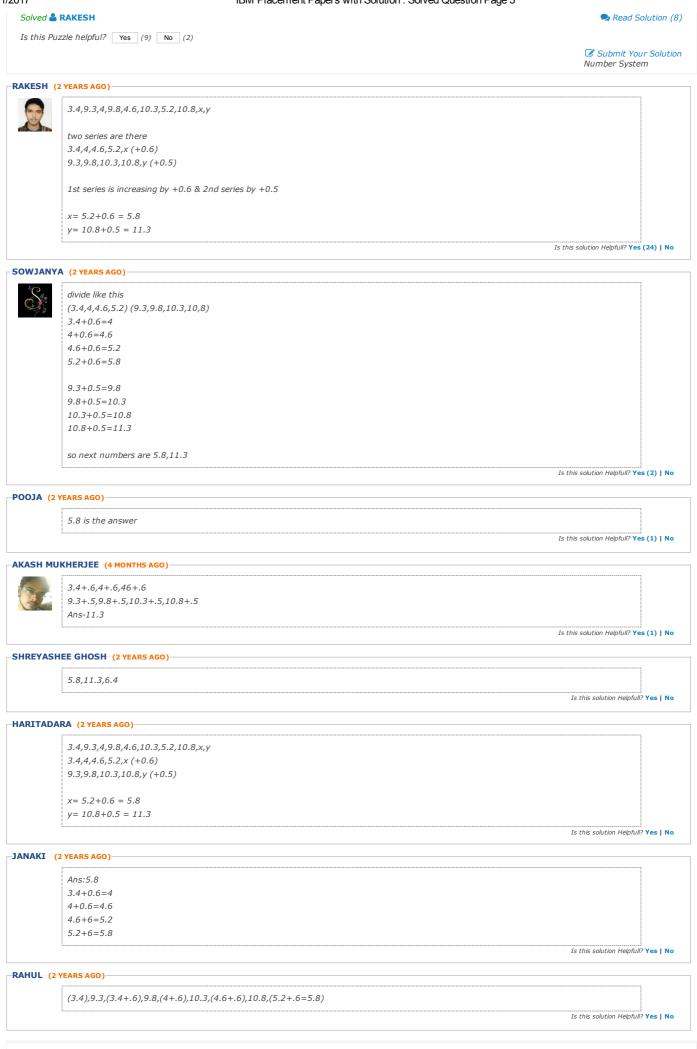
SRIJA **(2 YEARS AGO)**

ans:6
given series can be devided as follows....
21(1/5) , 7(2/3) , 2
next odd number of 21 is 23, next num of 7 is 8,next multilple of 2 is 4
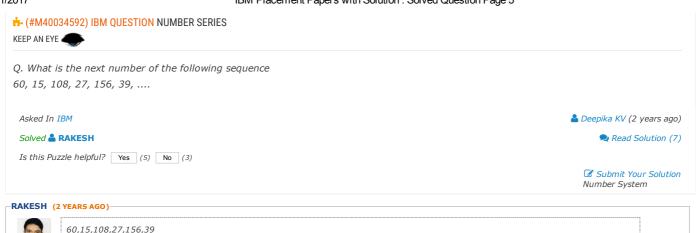*23(1/5) , 8(2/3) , 4*
next series will be
25(1/5) , 9(2/3) ,6

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

(#M40034600) IBM QUESTION NUMBER SERIES

KEEP AN EYE 👁

Q. What is the next number of the following sequence
32, 29, 26, 64, 61, 58, 96, 93, 93, ...

Asked In *IBM*   👤 *Deepika KV (2 years ago)*

Solved 👤 **RAKESH**   💬 *Read Solution (6)*

Is this Puzzle helpful?   Yes (7)   No (4)

                                                                            ✎ *Submit Your Solution*
                                                                            Sequence and Series

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RAKESH **(2 YEARS AGO)**

32,29,26,64,61,58,96,93,93
(32,29,26),(64,61,58),(96,93,93),(x,x-3,x-6)

32-3=29,29-3=26
64-3=61,61-3=58
96-3=93,93-3=60

take 1st term of each group
32,64,96,x
*32*1=32*
*32*2=64*
*32*3=96*
*32*4=x => 128*

next three numbers= (x,x-3,x-6)= (128,125,122)

Is this solution Helpfull? **Yes (25)** | **No (2)**

SAIKAT GUIN **(2 YEARS AGO)**

There is a misprint in the series. It should be:
32, 29,26, 64,61,58, 96,93,90, ?,?,?
now,
[32,29,26], [64,61,58], [96,93,90]
*the series is [32, 32-3, 32-6], [32*2=64, 64-3, 64-6], [32*3=96, 96-3, 96-6]*
*next will be: [32*4=128, 128-3,128-6]*
so, 128,125,123...

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

DHARANI CHERUKUMALLI **(2 YEARS AGO)**

128
*32*2=64, 32*3=96, 32*4=128*

Is this solution Helpfull? **Yes** | **No**

POOJA **(2 YEARS AGO)**

128 32+29=61; 32+26=58;so on 32+96=128

Is this solution Helpfull? **Yes** | **No**

JANAKI **(2 YEARS AGO)**

ans is 87
32,26,61,96,93 one series
29,64,58,93,? other series
64-29=35
64-58=6
93-58=35
93-87=6

Is this solution Helpfull? **Yes** | **No**

RIYANKA DUTA **(2 YEARS AGO)**

ans is 96+32=128 and the last 93 should be 90

Is this solution Helpfull? **Yes** | **No**

(#M40034599) IBM QUESTION NUMBER SERIES
KEEP AN EYE

Q. What is the next number of the following sequence
$3^2, 27, 3^4, 243$

Asked In IBM   Deepika KV (2 years ago)

Solved RAKESH   Read Solution (9)

Is this Puzzle helpful? Yes (5)   No (0)

 Submit Your Solution
Number Series

RAKESH (2 YEARS AGO)

$3^2, 27, 3^4, 243, x$
$3^2, 3^3, 3^4, 3^5, 3^6$

$x = 3^6$

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

JANAKI (2 YEARS AGO)

ans is: $3^6, 2187$

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

DINESH KUMAR KK (2 YEARS AGO)

$3^2, 3^3, 3^4, 3^5, 3^6$
ans:729

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

HARITADARA (2 YEARS AGO)

$3^2, 27(3^3), 3^4, 243(3^5), x$
$x = 3^6$

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

MANISHA (2 YEARS AGO)

it can 3^6 or 3^8

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

DHARANI CHERUKUMALLI (2 YEARS AGO)

$3^2, 3^3 = 27, 3^4, 3^5 = 243, 3^6 => 729$

Is this solution Helpfull? **Yes** | **No**

GUNDEPALLI TEJA NAGA MUTYAVATHI (2 YEARS AGO)

$3^2 = 9$
$3^3 = 27$
$3^4 = 81$
$3^5 = 243$
$3^6 = 729$

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

SHIKHA SACHAN (2 YEARS AGO)

$3^2, 3^3, 3^4,, 3^5, 3^6$

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

PAYAL SINGH (2 YEARS AGO)

$3^2, 3^3 = 27, 3^4, 3^5 = 243, 3^6 => 729$

Is this solution Helpfull? **Yes** | **No**

(#M40034598) IBM QUESTION NUMBER SERIES
KEEP AN EYE

Q. What is the next number of the following sequence
4608, 2304, 578, 288, 72

Asked In IBM   Deepika KV (2 years ago)

Solved 👤 **virendra dubey**

💬 *Read Solution (8)*

Is this Puzzle helpful? | Yes | (8) | No | (6)

✏️ *Submit Your Solution*
Number Series

VIRENDRA DUBEY (2 YEARS AGO)

the que series typed is wrong .
actual series is.4608,2304,576,288,72,x,y
the term are alternately divided by 2 and 4.
4608/2=2304;
2304/4=576;
576/2=288;
288/4=72;
so x=72/2=36; and y=36/4=9 the next two term is 36 and 9.

Is this solution Helpfull? **Yes (21)** | **No (1)**

DINESH KUMAR KK (2 YEARS AGO)

the series like this 4608,2304,576,288,72,x
4608/8=576;,2304/8=288,576/8=72,288/8=36,72/8=9
ans is 36,9

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

SAIKAT GUIN (2 YEARS AGO)

misprint: should be 4608,2304,576,288,72
4608/2= 2304
2304/4= 576
576/2= 288
288/4= 72
72/2= 36
36/4= 9

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

DINESH KUMAR KK (2 YEARS AGO)

the series is 4608,2304,576,288,72,x
4608/8=576,2304/8=288,576/8=72
ans:72

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

MANISHA (2 YEARS AGO)

next two no will be 72/2=36 and 36/4=9

Is this solution Helpfull? **Yes** | **No**

DHARANI CHERUKUMALLI (2 YEARS AGO)

36 alternatively divide by 2 and then 3 therefore finally 72/2=>36

Is this solution Helpfull? **Yes** | **No**

JANAKI (2 YEARS AGO)

answer is 36

Is this solution Helpfull? **Yes** | **No**

PRATHYUSHA (2 YEARS AGO)

given series,4608,2304,578,288,72
(4608/2)+0=2304
(2304/4)+2=578
(578/2)+(-1)=288
(288/4)+0=72
(72/2)+2=38
(38/4)+(-1)=.....

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

🏅 (#M40034596) IBM QUESTION NUMBER SERIES

KEEP AN EYE 👁

What is the next number of the following sequence
3.4, 9.3, 4, 9.8, 4.6, 10.3, 5.2, 10.8, ...

Asked In *IBM*

👤 *Deepika KV (2 years ago)*

Solved 👤 **RAKESH**

Is this Puzzle helpful? Yes (9)   No (2)

✏ *Submit Your Solution*
Number System

RAKESH (2 YEARS AGO)

3.4,9.3,4,9.8,4.6,10.3,5.2,10.8,x,y

two series are there
3.4,4,4.6,5.2,x (+0.6)
9.3,9.8,10.3,10.8,y (+0.5)

1st series is increasing by +0.6 & 2nd series by +0.5

x= 5.2+0.6 = 5.8
y= 10.8+0.5 = 11.3

Is this solution Helpfull? **Yes (24)** | **No**

SOWJANYA (2 YEARS AGO)

divide like this
(3.4,4,4.6,5.2) (9.3,9.8,10.3,10,8)
3.4+0.6=4
4+0.6=4.6
4.6+0.6=5.2
5.2+0.6=5.8

9.3+0.5=9.8
9.8+0.5=10.3
10.3+0.5=10.8
10.8+0.5=11.3

so next numbers are 5.8,11.3

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

POOJA (2 YEARS AGO)

5.8 is the answer

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

AKASH MUKHERJEE (4 MONTHS AGO)

3.4+.6,4+.6,46+.6
9.3+.5,9.8+.5,10.3+.5,10.8+.5
Ans-11.3

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

SHREYASHEE GHOSH (2 YEARS AGO)

5.8,11.3,6.4

Is this solution Helpfull? **Yes** | **No**

HARITADARA (2 YEARS AGO)

3.4,9.3,4,9.8,4.6,10.3,5.2,10.8,x,y
3.4,4,4.6,5.2,x (+0.6)
9.3,9.8,10.3,10.8,y (+0.5)

x= 5.2+0.6 = 5.8
y= 10.8+0.5 = 11.3

Is this solution Helpfull? **Yes** | **No**

JANAKI (2 YEARS AGO)

Ans:5.8
3.4+0.6=4
4+0.6=4.6
4.6+6=5.2
5.2+6=5.8

Is this solution Helpfull? **Yes** | **No**

RAHUL (2 YEARS AGO)

(3.4),9.3,(3.4+.6),9.8,(4+.6),10.3,(4.6+.6),10.8,(5.2+.6=5.8)

Is this solution Helpfull? **Yes** | **No**

(#M40034592) IBM QUESTION NUMBER SERIES

KEEP AN EYE

Q. What is the next number of the following sequence

60, 15, 108, 27, 156, 39, ...

Asked In *IBM*   👤 *Deepika KV* (2 years ago)

Solved 👤 **RAKESH**   💬 *Read Solution (7)*

Is this Puzzle helpful?   Yes   (5)   No   (3)

📝 *Submit Your Solution*
Number System

RAKESH **(2 YEARS AGO)**

60,15,108,27,156,39
(60,15),(108,27),(156,39),(x ,x/4)

60/15 = 108/27 = 156/39 = 4

1st term of each pair
60,108,156,x
12*5=60
12*9=108
12*13=156
12*17 = 204

next two term = (x, x/4) = 204, 204/4

ans: 204,51

Is this solution Helpfull? **Yes (20)** | **No (1)**

VANI SK **(2 YEARS AGO)**

in this series
(60,108,156)(15,27,39)
60+48=108
108+48=156
156+48=204
and
15+12=27
27+12=39
39+12=51
ans=204,51

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

BINI **(2 YEARS AGO)**

(60 15) =15*4=60
(108 27)=27*4=108
(156 39)=39*4=156
now lets c...
(60 108 156)
108-60=48
156-108=48
therefore 156+48=204
answer=204

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

MANISHA **(2 YEARS AGO)**

39+12=51
51*4=204
so next no are 204 & 51

Is this solution Helpfull? **Yes** | **No**

NEHA GANGWAL **(2 YEARS AGO)**

ans-204

15*4=60
27*4=108
39*4=156

now 15/3=5
27/3=9
39/3=13
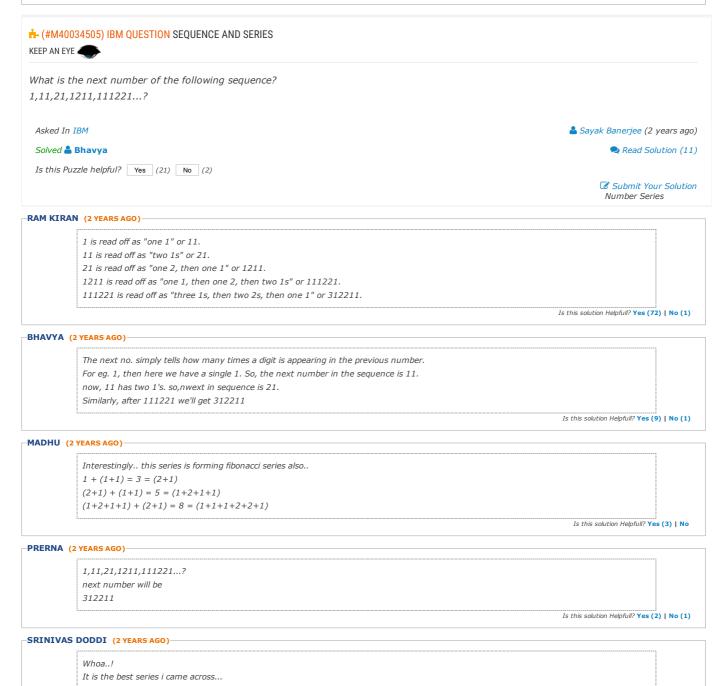
so next no after 5,9,13=17
17*3=51
51*4=204

ans 204,51

Is this solution Helpfull? **Yes** | **No**

YONESH **(2 YEARS AGO)**

60+48=108 108/4=27
108+48=156 156/4=39
156+48=204 204/4=51

so ans:204,51

Is this solution Helpfull? **Yes** | **No**

VIKASH **(2 YEARS AGO)**

156+48=204

Is this solution Helpfull? **Yes** | **No**

(#M40034589) IBM QUESTION Number Series

KEEP AN EYE

Q. What is the next number of the following sequence
4,3,8,7,14,13,22,21

Asked In IBM   👤 *Deepika KV (2 years ago)*

Solved 👤 **RAKESH**   💬 *Read Solution (4)*

Is this Puzzle helpful? **Yes** (12) **No** (7)

📝 *Submit Your Solution*
Number Series

RAKESH **(2 YEARS AGO)**

4,3,8,7,14,13,22,21

(4,3),(8,7),(14,13),(22,21),(x, x-1)

1st term of each pair
4,8,14,22,x

4+4=8
8+6=14
14+8=22
22+10=x => x=32

next two terms (x, x-1) = 32,31

Is this solution Helpfull? **Yes (38)** | **No (3)**

YONESH **(2 YEARS AGO)**

ans 32
4+4=8
8+6=14
14+8=22
22+10=32

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

MANISHA **(2 YEARS AGO)**

4+4=8
8+6=14
14+8=22
22+10=32
so the next no are 32& 31

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

HARISH **(13 DAYS AGO)**

4 +4 =8
8 +6 =14
14 +8 =22
22 +10 =32
Ans:32

for next value
3+4=7
7+6=13
13+8=21
21+10=31

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

🧩 (#M40034505) IBM QUESTION SEQUENCE AND SERIES

KEEP AN EYE 👁

What is the next number of the following sequence?
1,11,21,1211,111221...?

Asked In *IBM*   👤 *Sayak Banerjee (2 years ago)*

Solved 👤 **Bhavya**   💬 *Read Solution (11)*

Is this Puzzle helpful?   Yes (21)   No (2)

🖉 *Submit Your Solution*
Number Series

RAM KIRAN (2 YEARS AGO)

1 is read off as "one 1" or 11.
11 is read off as "two 1s" or 21.
21 is read off as "one 2, then one 1" or 1211.
1211 is read off as "one 1, then one 2, then two 1s" or 111221.
111221 is read off as "three 1s, then two 2s, then one 1" or 312211.

Is this solution Helpfull? **Yes (72)** | **No (1)**

BHAVYA (2 YEARS AGO)

The next no. simply tells how many times a digit is appearing in the previous number.
For eg. 1, then here we have a single 1. So, the next number in the sequence is 11.
now, 11 has two 1's. so,nwext in sequence is 21.
Similarly, after 111221 we'll get 312211

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

MADHU (2 YEARS AGO)

Interestingly.. this series is forming fibonacci series also..
1 + (1+1) = 3 = (2+1)
(2+1) + (1+1) = 5 = (1+2+1+1)
(1+2+1+1) + (2+1) = 8 = (1+1+1+2+2+1)

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

PRERNA (2 YEARS AGO)

1,11,21,1211,111221...?
next number will be
312211

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

SRINIVAS DODDI (2 YEARS AGO)

Whoa..!
It is the best series i came across...

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

SANHITA ROY (2 YEARS AGO)

Ans-312211
(Three 1,Two 2,one 1)
The series is going on like--1,11 (one 1),21(two 1),1211(one 2, one 1),111221(one 1,one 2,two 1)

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

ROJALIN BHUTIA (1 YEAR AGO)

aaaiiiyyyooooo............mazedaar!!!!! kash sara ques esa hota

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

MANOJ BAISOYA (1 YEAR AGO)

1 is read off as "one 1" or 11.
11 is read off as "two 1s" or 21.
21 is read off as "one 2, then one 1" or 1211.

1211 is read off as "one 1, then one 2, then two 1s" or 111221.

111221 is read off as "three 1s, then two 2s, then one 1" or 312211.

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

SURIT DATTA **(2 YEARS AGO)**

312211 is the answer

Is this solution Helpfull? **Yes** | **No**

SIMRAN TRIVEDI **(1 YEAR AGO)**

awsum series....

Is this solution Helpfull? **Yes** | **No**

MADHAVI **(1 YEAR AGO)**

wow !what a series...........

Is this solution Helpfull? **Yes** | **No**

🧩 **(#M40034503) IBM QUESTION** proft&loss

KEEP AN EYE 👁

A manufacture of printer toner adjusts its price of color toner from \$33 to \$35 a cartridge and the price of standard black ink toner from \$29 to \$30 a cartridge if a document printing center spends an average of \$1555 a month for toner of which 3/5 is for color cartridges how much more per month will the printing center spent?

Asked In *IBM*   👤 *Reshma* (2 years ago)

Solved 👤 **Ann Theressa**   💬 *Read Solution (6)*

Is this Puzzle helpful? [Yes] (3) [No] (4)

                                                                                              ✒ *Submit Your Solution*
                                                                                                  Averages

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SUDHEER **(2 YEARS AGO)**

Rs 77.993

Total money spend per month = 1555
Money spend on color toner cartridges = 3/5*1555
= 933
Money spend on black ink toner cartridges = 2/5*1555
= 622

Number of color toned cartridges bought = 933/33
Number of black ink toned cartridges bought = 622/29

New price of color toned cartridges bought = 933/33*35
New price of black ink toned cartridges bought = 622/29*30

Total price = 1632.993
Additional money spend = Rs77.993

Is this solution Helpfull? **Yes (32)** | **No (1)**

ANN THERESSA **(2 YEARS AGO)**

Rs 89.377

Total money spend per month = 1555
Money spend on color toner cartridges = 3/5*1555
= 933
Money spend on black ink toner cartridges = 2/5*1555
= 633

Number of color toned cartridges bought = 933/33
Number of black ink toned cartridges bought = 633/29

New price of color toned cartridges bought = 933/33*35
New price of black ink toned cartridges bought = 633/29*30

Total price = 1644.377
Additional money spend = Rs89.377

Is this solution Helpfull? **Yes (14)** | **No (23)**

SUDHEER **(2 YEARS AGO)**

*small correction need in answer....2/5*155=622*

DEEPIKA KV **(2 YEARS AGO)**

*ANN Therassa : 2/5 * 1555 = 622.. its not 633.... Answer will differ*

SOWJANYA **(2 YEARS AGO)**

please explain clearly

DEEPIKA KV **(2 YEARS AGO)**

`which is the correct answer

(#M40034494) IBM QUESTION Recent test questions

KEEP AN EYE

What is the next number of the following sequence

1) 0.03, 0.0018, 0.00108, 0.00648, 0.3888,?

2) 1, 2, 2, 4, 8, 1, 8, 1/2, 4, 1, 4, 4,?

3) 2, 7, -35, 7, 12, -60, 5, 10, -50,?

4) 4, 11, 66, 74, 370, 379,?

5) 6, 18, 21, 8, 11, 33, 2, 6, 9, 5, 8, 24, 7, 21,?

6) 3, 4.5, 7, 4, 6, 8.5, 5, 7.5, ?

7)13, 24, 36, 23, 34, 56, 33, 44, 96, 43, 54,?

8) 40, 39, 37, 33, 26, 15,?

9)7.2, 2.2, 3.2, 16, 11, 12, 60, 55, 56,?

10) 8, 6, 22, 26, 54, 58, 86, 90, ?

11) 1, 3, 1, 2.5, 5, 1,, 4, 5, 4, 8, 7,?

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

13) 3/2, -9/4, 9/4, 7/2, 49/4, 49/4, 4/3, 16/9, 16/9, 8/3, ?

14) 5, 16, 22, 68, 28, 87, 34, 106, 11, ?

15) 1, 1, 3, 2, 1, 5, 3, 4, 10, 4, 2, ?

16) 9/8, 4/3, 17/8, 10/3, 7/3, 42/8, 10/3, 29/4, 13/3, 7/2, 16/3,?

Asked In *IBM*

Solved 👤 **Saraswathy**

Is this Puzzle helpful?   Yes   (26)   No   (6)

Sequence and Series

SARASWATHY **(2 YEARS AGO)**

4) 4, 11, 66 ,74, 370, 379, x

*4 + 7 = 11 ... 11 * 6 = 66*
*66 + 8 = 74 ... 74 * 5 = 370*
*370 + 9 = 379 ... 379 * 4 = 1516*

Ans : 1516

5) (6, 18, 21), (8, 11, 33) (2, 6, 9) (5, 8, 24) (7, 21, x)
*6 * 3 =18*
18 + 3= 21
8 + 3 = 11
*11 * 3= 33*
*2 * 3 = 6*
6 + 3 = 9
5 + 3 = 8
*8 * 3 = 24*
*7 * 3 = 21*
21 + 3 = 24

Ans : 24

6) (3, 4.5, 7), (4, 6, 8.5), (5, 7.5, x)

subtract 3rd digit - 1st digit in each group

7 - 3 = 4
8.5 - 4 = 4.5
x - 5 should be 5
x - 5 = 5
x = 10

Ans : 10

7) (13, 24, 36), (23, 34, 56), (33, 44, 96), (43, 54, x)

56 - 36 =20
96 - 56 = 40
x - 96 should be 60
x - 96 = 60
x = 156

Ans : 156

9) (7.2, 2.2, 3.2), (16, 11, 12), (60, 55, 56), x

Multiple by "5" with 3rd number in each group, u ll get 1st number

*3.2 * 5 = 16*
*12 * 5 = 60*
*56 * 5 = 280*

Ans : 280

11) (1, 3, 1, 2.5), (5, 1, 4, 5), (4, 8, 7, x)

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

Ans : 9.5

12) (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

15) (1, 1, 3), (2, 1, 5), (3, 4, 10), (4, 2, x)

1 + 1 + (1) = 3
2 + 1 + (2) = 5
3 + 4 + (3) = 10
4 + 2 + (4) = 10

Ans : 10

Is this solution Helpfull? **Yes (26)** | **No (1)**

ANUSHA **(2 YEARS AGO)**

6)10
(3,4.5,7)(4,6,8.5)(5,7.5,?)

3+(1.5)=4.5, 4.5+(2.5)=7
4+(2.0)=6, 6+(2.5)=8.5
5+(2.5)=7.5 7.5+(2.5)=10

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

SARASWATHY **(2 YEARS AGO)**

8) Ans : -1
40, 39, 37, 33, 26, 15, x
40 - 39 = 1
39 - 37 = 2 [since 2 is previous difference + 1 (ie) 1 + 1 =2]
37 - 33 = 4 [2 + 2 = 4]
33 - 26 = 7 [4 + 3 = 7]
26 - 15 = 11 [7 + 4 = 11]
15 - x = 16 [11 + 5 = 16]
x = -1

10)

10) 118, 122
Divide the series like below
(8, 22, 54, 86, x) (6, 26, 58, 90,y)
1st group
*8 * 3 - 2 = 22*
*8 * 7 - 2 = 54*
*8 * 11 - 2 =86*
*8 * 15 - 2 =118*
2nd group
*6 * 4 + 2 = 26*
*6 * 9 + 4 = 58*
*6 * 14 +6 = 90*
*6 * 19 +8 = 122*

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

SARASWATHY **(2 YEARS AGO)**

14) Ans : 38
(5, 16), (22, 68), (28, 87), (34, 106), (11, x)
*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 (11)** | **No**

LAVANYA GONE **(2 YEARS AGO)**

16)the correct series is 9/8,4/3,17/8,10/3,7/3,42/8,10/3,49/4,13/3,7/2,16/3
9/8+1=17/8,4/3+2=10/3,
7/3+1=10/3,42/8+2=49/4,
13/3+1=16/3,7/2+2=11/2

Is this solution Helpfull? **Yes (6)** | **No (2)**

SOWJANYA **(2 YEARS AGO)**

2. 1,2,2,4,8,1,8,1/2,4,1,4,4

1x2=2
2x2=4
4x2=8
8x1=8
8x1/2=4
4x1=4
4x4=16

answer is 16

Is this solution Helpfull? **Yes (6)** | **No (14)**

ANN THERESSA **(2 YEARS AGO)**

1)233.28

0.03 * 0.06 = 0.0018
0.0018 * 0.6 = 0.00108
0.00108 * 6 = 0.00648
0.00648 * 60 = 0.3888
0.3888 * 600 = 233.28

3)10

2 + 5 = 7
7 * -5 = -35
-35 / (2-7) = 7

7 + 5 = 12
12 * -5 = -60
-60 / -12 = 5

5 + 5 = 10
10 * -5 = -50
-50 / (5-10) = 10

4)1516

4 + 7 = 11
11 * 6 = 66
66 + 8 = 74
74 * 5 = 370
370 + 9 = 379
379 * 4 = 1516

5)24

(6,18,21),(8,11,33),(2,6,9),(5,8,24),(7,21,..)
6 * 3 = 18
18 + 3 = 21

8 + 3 = 11
11 * 3 = 33

2 * 3 = 6
6 + 3 = 9

5 + 3 = 8
8 * 3 = 24

7 * 3 = 21
21 + 3 = 24

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

IRFAN BASHA **(2 YEARS AGO)**

40,39,37,33,26,15
so diff b/w 40 d 39 is 1
diff b/w 39 d 37 is 2
diff b/w 37 d 33 is 4
diff b/w 33 d 26 is 7
diff b/w 26 d 15 is 11
so diff b/w 15 d next no is 16
ans:31 r -31
if u observe diff is 1 2 4 7 11 16
1+1=2
2+2=4
4+3=7
7+4=11
11+5=16

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

SARASWATHY **(2 YEARS AGO)**

4) 4, 11, 66 ,74, 370, 379, x

4 + 7 = 11 ... 11 * 6 = 66
66 + 8 = 74 ... 74 * 5 = 370
370 + 9 = 379 ... 379 * 4 = 1516

Ans : 1516

5) (6, 18, 21), (8, 11, 33) (2, 6, 9) (5, 8, 24) (7, 21, x)
6 * 3 =18
18 + 3= 21
8 + 3 = 11
11 * 3= 33
2 * 3 = 6
6 + 3 = 9
5 + 3 = 8
8 * 3 = 24
7 * 3 = 21
21 + 3 = 24

Ans : 24

6) (3, 4.5, 7), (4, 6, 8.5), (5, 7.5, x)

subtract 3rd digit - 1st digit in each group

7 - 3 = 4
8.5 - 4 = 4.5
x - 5 should be 5
x - 5 = 5
x = 10

Ans : 10

15) (1, 1, 3), (2, 1, 5), (3, 4, 10), (4, 2, x)

1 + 1 + (1) = 3
2 + 1 + (2) = 5
3 + 4 + (3) = 10
4 + 2 + (4) = 10

Ans : 10

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

MEENAKSHI GUPTA (2 YEARS AGO)

13) 8/3 =>8*8/3*3 = 64/9
every new fraction has square of previous fraction

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

KRISHNA KUMAR RAJWAR (2 YEARS AGO)

16)the correct series is 9/8,4/3,17/8,10/3,7/3,42/8,10/3,58/8,13/3,7/2,16/3
9/8+1=17/8,4/3+2=10/3,
7/3+1=10/3,42/8+2=58/8,
13/3+1=16/3,7/2+2=11/2

Is this solution Helpfull? Yes (1) | No

MATHSCRAZY (2 YEARS AGO)

6> 3, 4.5,7,4,6,8.5,5,7.5,?

sol: (3,4.5,7),(4,6,8.5)(5,7.5,?)

3+1.5=4.5
4.5+2.5=7
i.e.
(last term - first term) + 0.5 = middle term
u can check for other series also
now for the last series i.e.
last term = x
first term = 5
middle term = 7.5
=> x - 5 + 0.5 = 7.5
=> x - 5.5 = 7.5
=> x = 7.5 + 5.5
=> x=13

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

PRADIP VADARALE (2 YEARS AGO)

PRADIP VADAKKE (2 YEARS AGO)

3) answer 10
2,7,-35,7,12,-60,5,10,-50,?
now,remove 2 numbers
2 7 5 ?
now
2+5=7(which is next number)
7-2=5(which is next number)
5+5=10 answer
means add 5 sub 2 alternative

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

SARASWATHY (2 YEARS AGO)

7) (13, 24, 36), (23, 34, 56), (33, 44, 96), (43, 54, x)

56 - 36 =20
96 - 56 = 40
x - 96 should be 60
x - 96 = 60
x = 156

Ans : 156

9) (7.2, 2.2, 3.2), (16, 11, 12), (60, 55, 56), x

Multiple by "5" with 3rd number in each group, u ll get 1st number

*3.2 * 5 = 16*
*12 * 5 = 60*
*56 * 5 = 280*

Ans : 280

11) (1, 3, 1, 2.5), (5, 1, 4, 5), (4, 8, 7, x)

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

Ans : 9.5

Is this solution Helpfull? **Yes** | **No**

DINESH KUMAR KK (2 YEARS AGO)

plz give the answer for q.no 10,14,16

Is this solution Helpfull? **Yes** | **No**

NEERAJA REDDY (2 YEARS AGO)

14) 5 16 22 68 28 87 34 106 11 ?

*5 *3=15 +1=16*
*22*3=66 +2=68*
*28*3=84 +3=87*
*34*3=102+4=106*
*11*3=44 +5=49*

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

DINESH KUMAR KK (2 YEARS AGO)
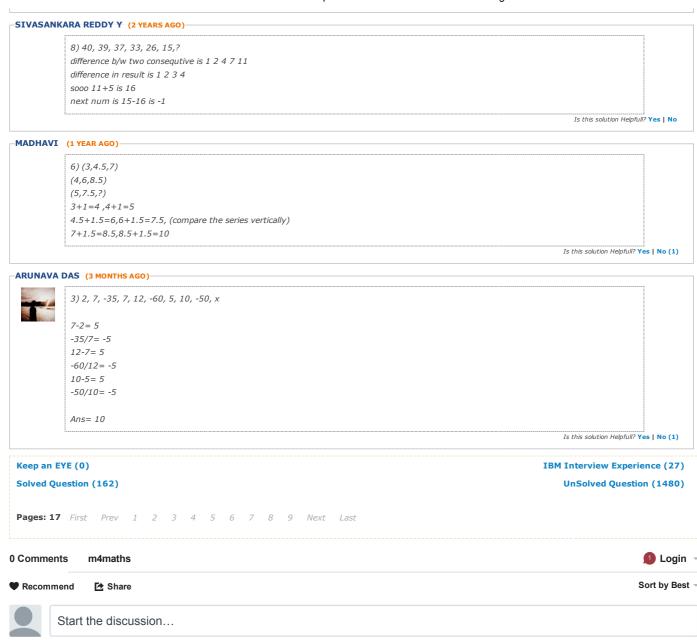
thanks for uploaded the answer.............

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

DEEPTHI (2 YEARS AGO)

*1.0.03*6=0.0018*
*0.0018*6=0.00108*
*0.00108*6=0.00648*
*0.00648*6=0.3888*
*0.3888*6=0.23328*

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

PAVANI (2 YEARS AGO)

10)ans: 118
24+30=54,56+30=86,88+30=118

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

SHIVAKUMAR V M C (2 YEARS AGO)

7.ans 156
(13,24,36)(23,34,56)(33,44,96)(43,54,...)
every 1st num of bracket increses by 10 i.e 13+10=23..23+10=33 and so on
,, 2nd ,,,,,,,,,,,,,,,,10 i.e 24+10=34..34+10=44
every 3rd ,,,,,,,,,,,,by 20i.e 36+20=56..56+40=96..96+60=156

Is this solution Helpfull? **Yes** | **No**

KAVITA SANJAY BORADE (2 YEARS AGO)

14) 5 16 22 68 28 87 34 106 11 ?

5 *3=15 +1=16
22*3=66 +2=68
28*3=84 +3=87
34*3=102+4=106
11*3=33 +5=38

Is this solution Helpfull? **Yes** | **No**

SATAMITA BASU (2 YEARS AGO)

3/2, -9/4, 9/4, 7/2, 49/4, 49/4, 4/3, 16/9, 16/9, 8/3, ?

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

KRISHNA KUMAR RAJWAR (2 YEARS AGO)

14) 5 16 22 68 28 87 34 106 11 ?

5 *3=15 +1=16
22*3=66 +2=68
28*3=84 +3=87
34*3=102+4=106
11*3=33 +5=38

Is this solution Helpfull? **Yes** | **No**

SRAVANI A (2 YEARS AGO)

10). (8,22,54,86)
(6,26,58,90)..here
8-22=14,22-54=32,54-86=32;
6-26=20,26-58=32,58-90=32;
4-30=26..
ans is (4,30,62,94)

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

SONAM KESHRI (2 YEARS AGO)

6.(3,4.5,7),(4,6,8.5),(5,7.5,?)

3+3/2=4.5
4.5+2.5=7

4+4/2=6
6+2.5=8.5

5+5/2=7.5
7.5+2.5=10

ans:10

Is this solution Helpfull? **Yes** | **No**

PALLAVI (2 YEARS AGO)

6. (3,4.5,7),(4,6,8.5),(5,7.5.x)
then,7-4.5=2.5
8.5-6=2.5 because last two difference are same.
x-7.5=2.5
hence x=2.5+7.5=10

Is this solution Helpfull? **Yes** | **No**

SIVASANKARA REDDY Y **(2 YEARS AGO)**

8) 40, 39, 37, 33, 26, 15,?

difference b/w two consecutive is 1 2 4 7 11

difference in result is 1 2 3 4

sooo 11+5 is 16

next num is 15-16 is -1

Is this solution Helpfull? Yes | No

MADHAVI **(1 YEAR AGO)**

6) (3,4.5,7)

(4,6,8.5)

(5,7.5,?)

3+1=4 ,4+1=5

4.5+1.5=6,6+1.5=7.5, (compare the series vertically)

7+1.5=8.5,8.5+1.5=10

Is this solution Helpfull? Yes | No (1)

ARUNAVA DAS **(3 MONTHS AGO)**

3) 2, 7, -35, 7, 12, -60, 5, 10, -50, x

7-2= 5

-35/7= -5

12-7= 5

-60/12= -5

10-5= 5

-50/10= -5

Ans= 10

Is this solution Helpfull? Yes | No (1)

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