M4aths

Placement Questions / IBM

IBM Placement Papers with Solution : Solved Question Page 11

IBM	Select Another Category ⌄		Select Another Topic ⌄

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

Solved Question (162)   **UnSolved Question (1480)**

Pages: 17 *First   Prev   7   8   9   10   11   12   13   14   15   16   Next   Last*

🧩 **(#M40030908) IBM QUESTION** General Apti

KEEP AN EYE 👁

Q. In 1978, a kg of paper was sold at Rs 25/-.If the paper rate increases at 1.5% more than the inflation rate which is 6.5% a year, then what will be the cost of a kg of paper after 2 years?

Option
(a) 29.12
(b) 29.16
(c) 30.12
(d) 32.65
(e) None of these

Asked In *IBM*   👤 *Piyush* (3 years ago)

Solved 👤 **Jigar Sheth**   💬 *Read Solution (5)*

Is this Puzzle helpful? [Yes] (27) [No] (2)

                                                        ✏ *Submit Your Solution*
                                                        Arithmetic

┌─ **MAYANK** **(3 YEARS AGO)** ──────────────────────────────┐

total increase rate=(1.5+6.5)%=8%
hence cost of a kg of paper after 2 year=25*(1+8/100)^2=29.16
hece ans is b.

Is this solution Helpfull? **Yes (18)** | **No (1)**

┌─ **JIGAR SHETH** **(3 YEARS AGO)** ──────────────────────────┐

If the cost of paper is rising 1.5% above inflation, which is 6.5%, then the total cost increase for paper will be 8.0%. To figure out the cost of paper after 2 years, you use the formula:

25 * (1.08^2)
Multiplying this out: 25 * (1.1665) = 29.16.

So the cost of paper after 2 years will be 29.16

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

┌─ **PRIYA SEN** **(3 YEARS AGO)** ────────────────────────────┐

ans is (b)29.16

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

┌─ **ARJIT SRIVASTAVA** **(1 YEAR AGO)** ──────────────────────┐

(1.5+6.5)% =8%
25*108/100*108/100
=29.16

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

SHIV ANEKAR **(3 YEARS AGO)**

rate of inflation=6.5,1.5% more means increase by 8%. so 25*1.08*1.08=29.16.

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

🧩 (#M40030903) IBM QUESTION number series

KEEP AN EYE 👁

Q. What will be the next number
1/4, 1/4, 1/2, 3/2, 6,......?

Asked In **IBM**   👤 *Reetapa Biswas (3 years ago)*

Solved 👤 **Uddiptaa**   💬 *Read Solution (14)*

Is this Puzzle helpful? Yes *(26)* No *(8)*

✏ *Submit Your Solution*
Number Series

UDDIPTAA **(3 YEARS AGO)**

1/4*1=1/4
1/4*2=1/2
1/2*3=3/2
3/2*4=6
6*5=30(ans)
ans=30

Is this solution Helpfull? **Yes (62)** | **No**

SOHINI GHOSH **(3 YEARS AGO)**

the puzzle says 1/4,1/4,1/2,3/2,6,____ now if we multiply the 1st no. by 1,we get 1/4.now we multiply the 2nd no. by 2,we get 1/2,now multiply 1/2 by 3,we get 3/2 and so on...
1/4 * 1=1/4
1/4 * 2=1/2
1/2 *3=3/2
3/2 *4=6
6 * 5=30
so the ans is 30.

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

D.MAMATHA **(3 YEARS AGO)**

On dividing first two terms i.e., (1/4)/(1/4) we will get 1
On dividing the next two terms (1/2)/(1/4) = 2
Similarly,
(3/2)/(1/2) = 3
(6)/(3/2) = 4
(X)/(6) = 5 => X=30

Is this solution Helpfull? **Yes (4)** | **No (2)**

PRAYOSHA PANCHAL **(3 YEARS AGO)**

my ans is 30. every time the next term is mutiple of 1/4. 2nd term is 1*1/4,3rd term is 1/4*(1*2)=1/2,4th term is 1/4*(2*3)=3/2,5th term is 1/4*(6*4) So, the next term should be 1/4*(24*5)=30.

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

JISHNU **(3 YEARS AGO)**

The formula is S(n)=S(n-1)*p ;p=1,2,....
likewise 1/4 * 1=1/4,
1/4 * 2=1/2,
1/2 * 3=3/2,....
.'.6*5=30 (Ans)

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

JOY MOHADANI **(3 YEARS AGO)**

ans-30
1/4*1=1/4,1/4*2=1/2,1/2*3=3/2,3/2*4=6,6*5=30

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

ANTARA MANDAL **(3 YEARS AGO)**

1/2=1/4+1/4;
3/2=(1/2+1/4)*2;
6=(3/2+1/2)*3;
next=(6+3/2)*4=30 ans

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

NITISH JHA (3 YEARS AGO)

1/4*1=1/4
1/4*2=1/2
1/2*3=3/2
3/2*4=6
6*5=30
ans=30

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

KUMKUM SARGAIYAN (2 YEARS AGO)

1/2 1/2
1/4 1/6
1/8 1/16
1/16 1/32

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

MRINAL MAHANTY (2 YEARS AGO)

1/4+1/4=1/2*1=1/2
1/2+1/4=3/4*2=3/2
3/2+1/2=4/2*3=6
6+3/2=15/2*4=30

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

SOMISETTY AKHILA (2 YEARS AGO)

1/4 * 1 = 1/4
1/4 * 2 = 1/2
1/2 * 3 = 3/2
3/2 * 4 = 6
6 * 5 = 30

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

SOWMYA (1 YEAR AGO)

30
mulitiplied by 1 2 3

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

MANUPOTI ANAND (1 YEAR AGO)

(1/4)*1=1/4
(1/4)*2=1/2
(1/2)*=3/2
(3/2)*4=6
similarly,
6*5=30

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

ASHRAF MOHAMMAD (1 YEAR AGO)

30 1/4*1,1*2/4,1*3/2,3*4/2,6*5
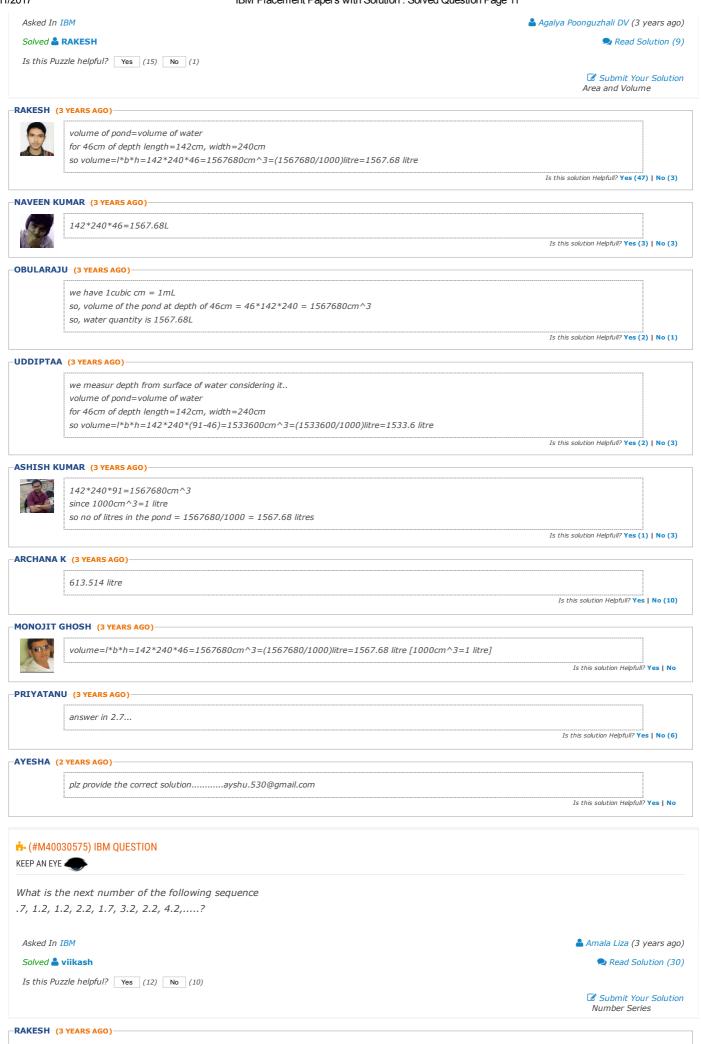
Is this solution Helpfull? **Yes** | **No**

(#M40030853) IBM QUESTION

KEEP AN EYE

Q. In a pond is of length 142 cms width of 240 cms and depth of 91 cms so how much litres of water will be there in 46 cms of depth in the same pond?

Asked In IBM   👤 *Agalya Poonguzhali DV* (3 years ago)

Solved 👤 **RAKESH**   💬 *Read Solution (9)*

Is this Puzzle helpful?   Yes   *(15)*   No   *(1)*

📝 *Submit Your Solution*
Area and Volume

RAKESH   (3 YEARS AGO)

volume of pond=volume of water
for 46cm of depth length=142cm, width=240cm
so volume=l*b*h=142*240*46=1567680cm^3=(1567680/1000)litre=1567.68 litre

Is this solution Helpfull? **Yes (47)** | **No (3)**

NAVEEN KUMAR   (3 YEARS AGO)

142*240*46=1567.68L

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

OBULARAJU   (3 YEARS AGO)

we have 1cubic cm = 1mL
so, volume of the pond at depth of 46cm = 46*142*240 = 1567680cm^3
so, water quantity is 1567.68L

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

UDDIPTAA   (3 YEARS AGO)

we measur depth from surface of water considering it..
volume of pond=volume of water
for 46cm of depth length=142cm, width=240cm
so volume=l*b*h=142*240*(91-46)=1533600cm^3=(1533600/1000)litre=1533.6 litre

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

ASHISH KUMAR   (3 YEARS AGO)

142*240*91=1567680cm^3
since 1000cm^3=1 litre
so no of litres in the pond = 1567680/1000 = 1567.68 litres

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

ARCHANA K   (3 YEARS AGO)

613.514 litre

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

MONOJIT GHOSH   (3 YEARS AGO)

volume=l*b*h=142*240*46=1567680cm^3=(1567680/1000)litre=1567.68 litre [1000cm^3=1 litre]

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

PRIYATANU   (3 YEARS AGO)

answer in 2.7...

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

AYESHA   (2 YEARS AGO)

plz provide the correct solution............ayshu.530@gmail.com

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

🧩 (#M40030575) IBM QUESTION

KEEP AN EYE 👁️

What is the next number of the following sequence
.7, 1.2, 1.2, 2.2, 1.7, 3.2, 2.2, 4.2,.....?

Asked In IBM   👤 *Amala Liza* (3 years ago)

Solved 👤 **viikash**   💬 *Read Solution (30)*

Is this Puzzle helpful?   Yes   *(12)*   No   *(10)*

📝 *Submit Your Solution*
Number Series

RAKESH   (3 YEARS AGO)

there are two series with alternate terms
(.7,1.2,1.7,2.2,) and (1.2,2.2,3.2,4.2,)
both series are AP with cd .5 & 1 respectively
so next two terms are
2.2+.5=2.7 & 4.2+1=5.2

Is this solution Helpfull? **Yes (48)** | **No (9)**

VIIKASH (3 YEARS AGO)

2.7 alternate increase of 0.5 and 1

Is this solution Helpfull? **Yes (22)** | **No (2)**

PANKAJ PANWAR (3 YEARS AGO)

here 2 AP runs alternative..
one have a difference of .5
and other have a difference of 1

ans 2.2+.5=2.7

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

KK (3 YEARS AGO)

2.7... difference between 1st 3rd 5th so on terms is 0.5 and 2nd 4th 6th so on terms is 1.0

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

PRIYA SEN (3 YEARS AGO)

.7+.5=1.2,1.2+.5=1.7,1.7+.5=2.2,2.2+.5=2.7
answer is = 2.7

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

PAWAN JHA (3 YEARS AGO)

1.2-.7=..5
2.2-1.2=1.0
3.2-1.7=1.5
4.2-2.2=2.0
moreover
difference between 2nd and 3rd,4th and 5th ,5th and 6th is 0,0.5,1.0respectively.
therefore diff. between 6th and 7th will be 1.5
i.e. 4.2-1.5=2.7

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

SAMBASIVA RAO (3 YEARS AGO)

0.7,1.2,1.2,2.2,1.7,3.2,2.2,4.2,?
here 0.7,1.2,1.7,2.2 the difference between two adjacent numbers is 0.5 so
2.2+0.5=?
so ans: 2.7

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

AMRIT BHARDWAJ (3 YEARS AGO)

{.7,1.2,1.2,2.2},{1.7,3.2,2.2,4.2},{2.7,5.2,3.2,6.2} (make 3 groups)
.7+1=1.7;1.7+1=2.7 (adding 1)
1.2+2=3.2;3.2+2=4.2 (adding 2)
1.2+1=2.2;2.2+1=3.2 (adding 1)
2.2+2=4.2;4.2+2=6.2 (adding 2)

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

BIMLESH KUMAR (3 YEARS AGO)

2.7
alternate series of 0.7 increasing with .5

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

P NIRANJAN (3 YEARS AGO)

(0.7,1,2,1.7,2.2) (1.2,2.2,3.2,4.2)
first set each digit incremented by 0.5
second set each digit incremented by 1
so answer is 2.2+0.5=2.7

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

SUNEETH LENIN (3 YEARS AGO)

.7+.5=1.2
1.2+.5=1.7
so answer is 2.7

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

SOHINI GHOSH **(3 YEARS AGO)**

if we consider the series in 2 parts,the we get-
(0.7,1.2,1.7,2.2___) and (1.2,2.2,3.2,4.2,___)
so for the first one if we add 0.5 to each term,we get the final ans as 2.7 i.e.
0.7+0.5=1.2
1.2+0.5=1.7
1.7+0.5=2.2
2.2+0.5=2.7
and the second one will be obtained by adding 1.0 to each term,i.e.----
1.2+1.0=2.2
2.2+1.0=3.2
3.2+1.0=4.2
4.2+1.0=5.2
thus the two ans are--2.7 and 5.2

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

GANESH **(3 YEARS AGO)**

.7,1.2,1.7,2.2,2.7
1.2,2.2,3.2,4.2,5.2

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

NIPUN GARG **(3 YEARS AGO)**

2.7
Divide odd number and even number places numbers
+.5 and +1

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

NEHA KUMARI **(3 YEARS AGO)**

Ans: 2.7
this is alternate series.
.7+.5= 1.2, 1.2+1.0= 2.2, 1.7+1.5= 3.2, 2.2+2.0 = 4.2 ;
1.2-0= 1.2, 2.2-0.5= 1.7, 3.2-1.0= 2.2, 4.2-1.5= 2.7
hence ans: 2.7

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

VISHAL SHANKER POLOWALIA **(3 YEARS AGO)**

2.7 because the series is increasing alternate as 0.5 and 1
0.7,1.2,1.7,2.2,2.7
1.2,2.2,3.2,4.2

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

SHARMAVS **(3 YEARS AGO)**

difference between them is 0.5,0,1.0,-0.5,1.5,-1.0,2.0....again take difference between differences we get 0.5,1.0,1.5,2.0,2.5,3.0...next difference will be 3.5 so answer is 2.7

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

ARCHANA K **(3 YEARS AGO)**

answer is 2.7

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

AKANCHHA RAJ **(3 YEARS AGO)**

2.2+0.5=2.7

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

SANTANU GANGULY **(3 YEARS AGO)**

2.7

the ultimate difference is -1.5
so, 4.2-1.5=2.7

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

PUNITHAKUMAR **(3 YEARS AGO)**

Ans: 2.7
.7+.5=1.2+.5=1.7+.5=2.2+.5=2.7
1.2+1=2.2+1=3.2+1=4.2

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

VIKI (3 YEARS AGO)

2.7.....1st term , 3rd term and so alternate terms increasing by .5.

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

AKSHAT MISHRA (3 YEARS AGO)

from left to right alternately .5 is being added(.7+.5=1.2,1.2+.5=1.7,1.7+.5=2.2,2.2+.5=2.7) so the ans is 2.7.

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

ROHAN KAPOOR (3 YEARS AGO)

even digits are with a difference of 1.0
odd digits are with a difference of .5 hence last digit will be 2.2+.5 = 2.7

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

ANIL GUPTA (3 YEARS AGO)

(.7,1.2,1.7,2.2,2.7)
(1.2,2.2,3.2,4.2)
2.7 ans

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

ANTARA MANDAL (3 YEARS AGO)

two series= .7,1.2,1.7,2.2,next
& 1.2,2.2,3.2,4.2..........
next term will be 5th term of 1st series ..the increment of each term of 1st series is .5
i.e. next term is.....2.2+.5=2.7

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

POLU VENU GOPAL REDDY (3 YEARS AGO)

2.7
solution---
0.7+1=1.7
1.2+2=3.2
1.2+1=2.2
2.2+2=4.2
similarly 1.7+1=2.7 so ans is 2.7

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

MEGHASHREE DAS (1 YEAR AGO)

2.7
(.7+10=1.7,1.7+10=2.7)

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

PREMCHAND MEENA (1 YEAR AGO)

two sequention .7 1.2 1.5 2.2 2.7
1.2 2.2 3.2 4.2 ..
2.7 correct ans

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

SANGEETHA JAYASANKAR (1 YEAR AGO)

ANSWERS IS: 2.7

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

🧩 **(#M40030507) IBM QUESTION** Based on Cubes
KEEP AN EYE 👁️

---

there r three cubes arranged side by side. Each cube is divided into 64 cubes then top most layer of second cube is removed and top two layers of third cube are removed. And then total volume is painted

Asked In IBM   👤 *Amit Gupta* (3 years ago)

Solved 👤 **Neha Kumari**   💬 *Read Solution (6)*

Is this Puzzle helpful? [Yes] (8) [No] (4)

Submit Your Solution
Area and Volume

NEHA KUMARI (3 YEARS AGO)

ans: 144
only top most layer get removed. so length and breadth remain unchanged.
vol of 1st cube is 4*4*4= 64
vol of 2nd cube will be 4*4*3= 48
vol of 3rd cube will be 4*4*2= 32
total vol: 64+48+32= 144

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

RAJA QAMAR IQBAL (3 YEARS AGO)

What is the selection procedure in IBM for freshers?

Is this solution Helpfull? **Yes (26)** | **No (4)**

SUDIPTA GHOSH (3 YEARS AGO)

First their was the volume of (64*3)=192 cubes and now (64+48+32)=144 cubes..could not understand it will be volume or area

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

SWATI MOON (3 YEARS AGO)

yo amit..
I think ans is 1 face bcoz when u put 3 cubes sid b side and cut upper layes it affects 3 faces but the left hand face remain as it bco we r cutting 2nd cude anf 3rd cube so left hand face remain unaffected only...

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

SANTANU GANGULY (3 YEARS AGO)

144

4*4*4+4*4*3+4*4*2

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

GOUTAM PANDA (3 MONTHS AGO)

only top most layer get removed. so length and breadth remain unchanged.
vol of 1st cube is 4*4*4= 64
vol of 2nd cube will be 4*4*3= 48
vol of 3rd cube will be 4*4*2= 32
total vol: 64+48+32= 144

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

(#M40030460) IBM QUESTION

KEEP AN EYE

What is the next number of the following sequence
22, 19.5, 21.45, 33, 30.5, 33.55, 44, 41.5,......?

Asked In IBM   *Abhisek De* (3 years ago)

Solved **Sampath Kumar**   *Read Solution (11)*

Is this Puzzle helpful? Yes (26) No (3)

Submit Your Solution
Sequence and Series

SAMPATH KUMAR (3 YEARS AGO)

22-2.5=19.5
22-0.55=21.45
and
33-2.5=30.5
33+0.55=33.55
Similarly,
44-2.5=41.5
44-0.55=43.45
The missing term is 43.45

Is this solution Helpfull? **Yes (48)** | **No (17)**

RAJESH KUMAR (3 YEARS AGO)

1st - 4th = -11
4th - 7th = -11
2nd - 5th = -11

5th - 8th = -11
3rd - 6th = -12.10
6th - 9th = -12.10
so 9th term should be 45.65

Is this solution Helpfull? **Yes (47)** | **No (14)**

HARSHA LUDHANI (3 YEARS AGO)

here it is adding or subtracting some values

22-2.5=19.5
22-0.55=21.45
and
33-2.5=30.5
33+0.55=33.55
so,
44-2.5=41.5
44-0.55=43.45
The missing term is 43.45

Is this solution Helpfull? **Yes (12)** | **No (8)**

ANEEK (3 YEARS AGO)

there are 3 series... 22,33,44--- cd= 11
19.5,30.5,41.5--- cd=11
and--- 21.45,33.55----- cd=12.1.. so last is== 33.55+12.1=45.65

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

VUTCHULA NAVYA SRI (3 YEARS AGO)

22-19.5=2.5
21.45-19.5=1.95
33-21.45=11.5
33-30.5=2.5
33.55-30.5=3.05
44-33.55=10.45
44-41.5=2.5
now diff of 3.05 & 1.95 is 1.1 add 3.05 with 1.1 result is 4.15 then add 4.15 with the last number in the given sequence i.e
41.5+4.15=45.65
The answer is 45.65

Is this solution Helpfull? **Yes (9)** | **No (4)**

VISHAL SHANKER POLOWALIA (3 YEARS AGO)

22-2.5=19.5
22-0.55=21.45
and
33-2.5=30.5
33+0.55=33.55
Similarly,
44-2.5=41.5
44-0.55=43.45
The answer 43.45

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

VIKI (3 YEARS AGO)

45.65..
21.45-19.5=1.95
33.55-30.5=3.05
3.05-1.95=1.1
3.05+1.1=4.15
41.5+4.15=45.65

Is this solution Helpfull? **Yes (4)** | **No (2)**

SWATI MOON (3 YEARS AGO)

19.5+2.5=22
21.45+0.55=22
&
30.5+2.5=33
33.55-0.55=33
so
41.5+2.5=44
44-0.55=43.45

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

ARIJIT KOLEY (3 YEARS AGO)

22-33-44 : diff of 11
19.5- 30.5 - 41.5 : diff of 11
21.45 - 33.55 - ? : diff of 12.10..
so answer is : 45.65

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

AKASH KUMAR (3 YEARS AGO)

45.45
22+11=33, 33+11=44
19.5+11=30.5, 30.5+11=41.5
21.45+12=33.45, 33.45+12=45.45

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

PAWAN JHA (3 YEARS AGO)

difffrence between 3rd and 1st,6th and 4th,is -.55and +.55.therefore difffernce between 9th and 7th term would be -.55 and hence answer
will be 44-.55=43.45

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

(#M40030107) IBM QUESTION sequence

KEEP AN EYE

34,4,21,59,43,3,20,66,12,2,16, ?

Asked In IBM   **D K** (3 years ago)

Solved **Wasim Ahmed**   **Read Solution (13)**

Is this Puzzle helpful?   Yes (23)   No (12)

Submit Your Solution
Number Series

WASIM AHMED (3 YEARS AGO)

34,4,21,59,43,3,20,66,12,2,16 , ?
step I: (34,4,21) 34+4+21=59.
step II:(43,3,20) 43+3+20=66.
step III: (12,2,16) 12+2+16=30.
Answer is 30.

Correct me if i am wrong...

Is this solution Helpfull? **Yes (138)** | **No**

SANJAY KUMAR CHAKRAVARTI (3 YEARS AGO)

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

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

SETHU (3 YEARS AGO)

(34+4=38,59-21=38)
(43=3=46,66-20=46)
(12+2=14,'30'-16=14)

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

SIDDHANT SAHOO (3 YEARS AGO)

34+4+21=59
12+2+16=30

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

VISHAL SHANKER POLOWALIA (3 YEARS AGO)

34+4+21=59
43+3+20=66
12+2+16=30
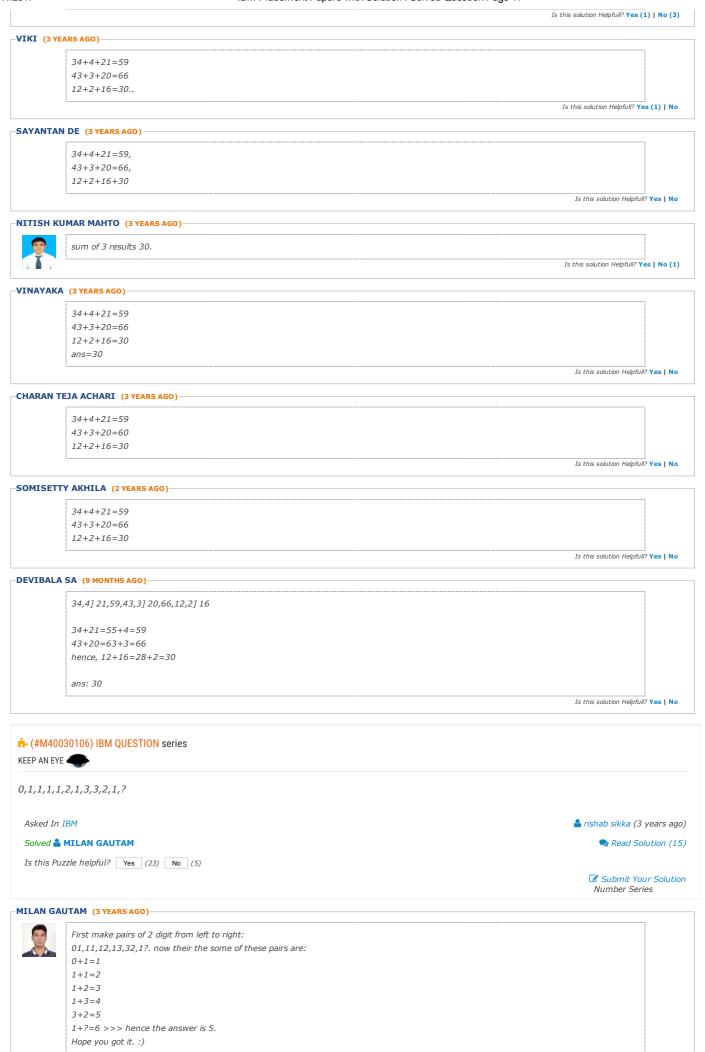
Is this solution Helpfull? **Yes (2)** | **No**

SRIJAN MANISH (3 YEARS AGO)

every 4th member of the series is in relation .. like if we consider the second term .. 4 -- 3 -- 2 -- next would be 1! so here .. 59 -- 66 -- 73
would be the next missing member of the series.

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

VIKI (3 YEARS AGO)

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

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

SAYANTAN DE (3 YEARS AGO)

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

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

NITISH KUMAR MAHTO (3 YEARS AGO)

> *sum of 3 results 30.*

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

VINAYAKA (3 YEARS AGO)

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

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

CHARAN TEJA ACHARI (3 YEARS AGO)

> *34+4+21=59*
> *43+3+20=60*
> *12+2+16=30*

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

SOMISETTY AKHILA (2 YEARS AGO)

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

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

DEVIBALA SA (9 MONTHS AGO)

> *34,4] 21,59,43,3] 20,66,12,2] 16*
>
> *34+21=55+4=59*
> *43+20=63+3=66*
> *hence, 12+16=28+2=30*
>
> *ans: 30*

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

🧩 (#M40030106) IBM QUESTION series

KEEP AN EYE 👁

0,1,1,1,2,1,3,3,2,1,?

Asked In IBM   👤 *rishab sikka (3 years ago)*

Solved 👤 **MILAN GAUTAM**   💬 *Read Solution (15)*

Is this Puzzle helpful?   Yes (23)   No (5)

✏ *Submit Your Solution*
Number Series

MILAN GAUTAM (3 YEARS AGO)

> *First make pairs of 2 digit from left to right:*
> *01,11,12,13,32,1?. now their the some of these pairs are:*
> *0+1=1*
> *1+1=2*
> *1+2=3*
> *1+3=4*
> *3+2=5*
> *1+?=6 >>> hence the answer is 5.*
> *Hope you got it. :)*

Is this solution Helpfull? **Yes (140)** | **No (5)**

SUSHMITA MALLICK (3 YEARS AGO)

0,1,1,1,1,2,1,3,3,2,1
Step I: (0,1,1,1),(1,2,1,3),(3,2,1,?)
Step II:(0*1+1=1),(1*2+1=3),(3*2+1="7")

Hence the ans is 7.

Is this solution Helpfull? **Yes (14)** | **No (5)**

AMAN PARASAR (3 YEARS AGO)

group of 4
1*1+0=1(4th term)
1*2+1=3(8th term)
1*2+3=5(ans)

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

MANISH KUMAR CHAUDHARY (3 YEARS AGO)

the sum of conscutv 2 no.s are like 1,2,3,4,5 so nxt sum ll b 6.so the ans is 5

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

SWARNALI DE (3 YEARS AGO)

please tell me which one is correct answer.I am really very confused.....

Is this solution Helpfull? **Yes (4)** | **No (2)**

SOUREN DUTTA (3 YEARS AGO)

(0+1)*1=1, (1+2)*1=3 ,(3+2)*1=5.....
ans is 5

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

SUMA BAI (3 YEARS AGO)

(0,1,1),(1,1,2),(1,3,3),(2,1,?)
consider 3rd term in every block (1,2,3,?)
so ans=4

Is this solution Helpfull? **Yes (3)** | **No (14)**

SUSOVAN DAS (3 YEARS AGO)

0+1+1=2
1+1+2=4
1+3+3=7
2+1+8=11
ans=8

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

PAPPU GUPTA (3 YEARS AGO)

I hv a request kindly express ur experienc and question, asked in ibm if u hv attended...my email id-rahul123rkg@gmail.com (its RAHUL "L" IN my email id)

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

ARIJIT KOLEY (3 YEARS AGO)

(0,1,1,1)(1,2,1,3)(3,2,1,?)
add of 1st 3
add of 2nd 7 : so increased by 4
so if 3rd one incresed by 4 it will be 11.to get 11 :11-(3+2+1)=11-6=5
so the answer is 5.

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

SANTANU GANGULY (3 YEARS AGO)

5

successive 1,1,1,1,
and 3,3
so the nxt will be only 5

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

BS UMA (2 YEARS AGO)

0+1+1+1+1=4 4%2=2
1+3+3+2+1=10 10%2=5

so ans is 5

BENG CHOON YEAP (3 YEARS AGO)

ANSWER: 8

0,1,1,1,2,1,3,3,2,1,?

Three to 1 block -->(0,1,1),(1,1,2),(1,3,3),(2,1,?)

(0+1+1=2),(1+1+2=4),(1+3+3=7),(2+1+?=?)

2,4,7,should be follow by 11

(2+1+?=11)

then ? = 11-3=8

So answer is 8

SUMAN (3 YEARS AGO)

8 is my answer

take three number sum

(0+1+1)=2

(1+1+2)=4

(1+3+3)=7

(2+1+x)=11 ,so hhere diff bw sum are 2,3,4 so ans 8

ABANTI CHATTOPADHYAY (3 YEARS AGO)

consider group of 4

(0,1,1,1),(1,2,1,3),(3,2,1,?)

|| || ||

0*1+1=1 1*2+1=3 3*2+1=?=7

so the answers is 7

🧩 (#M40030074) IBM QUESTION series

KEEP AN EYE 👁

3,5,2,3.5,7,4,6,3,4.5,9,1.5,?

Asked In IBM   👤 rishab sikka (3 years ago)

Solved 👤 **Swarnalatha Gadhivan**   💬 Read Solution (12)

Is this Puzzle helpful?   Yes (9)   No (1)

                                                               ✏ Submit Your Solution
                                                               Number Series

SWARNALATHA GADHIVAN (3 YEARS AGO)

consider 3,5,2,3.5 3,(3+'2')=5,(5-'3')=2,(2+'1.5')=3.5

consider 4,6,3,4.5 4,(4+'2')=6,(6-'3')=3,(3+'1.5')=4.5

consider 1.5,..... 1.5,(1.5+'2')=3.5

answer=3.5

JAYALAXMI (3 YEARS AGO)

divide list into 2 groups of 5 num each.

3 5 2 3.5 7(5-3=2,(5+2)/2=7)

4 6 3 4.5 9(6-4=2,(6+3)/2=4.5)

so

1.5+2=3.5

so ans is

3.5

SATYA NAYAK (3 YEARS AGO)

group first 10 numbers into 2 grps of 5

ans- 3.5

ANUBHAV MORE (3 YEARS AGO)

3.5*2=7; 4.5*2=9; 1.5*2=3; Ans 3

BENG CHOON YEAP (3 YEARS AGO)

ANSWER : 3.5
3,5,2,3.5,7 ,4,6,3,4.5,9 ,1.5,?
3+2=5... ,4+2=6... 1.5+2 = ?
?= 3.5

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

URVASHI (3 YEARS AGO)

make grps of 5 terms i.e (3,5,2,3.5,7) & (4,6,3,4.5,9)
1st term+0.5=4th term(3+0.5=3.5)(4+0.5=4.5),4th term*2=5th term also 2nd+3rd term= 5th term (3.5*2=7 & 5+2=7)(4.5*2=9)
hence 9,1.5,17.5,9.5,19

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

DASRATH SHARMA (3 YEARS AGO)

divide in 3 grps ,4 in each,
2(sum of last two in each grp - 1st term in each grp)= 2nd term in each group so ans=7.5

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

ANEEK (3 YEARS AGO)

consider 2 groups of 5 no each--
3 5 2 3.5 7 and
4 6 3 4.5 9 -- in each group , 2nd digit= 1st+2 ; 3rd=1st-1 ; 4th= 1st+0.5; last= 2nd+ 3rd... so in next series , 1st= 1.5 , so 2nd= 3.5

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

RISHAB SIKKA (3 YEARS AGO)

satya nayak can u xplain it properly

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

SAI PAVAN (3 YEARS AGO)

take 1st group of 5 nums 3 5 2 3.5 7
+1 to 1st 4no's and +2 for last
then 2nd group will be like 4 6 3 4.5 9
then 3rd group is 5 7 4 5.5 11

correct me if wrong

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

JOY MOHADANI (3 YEARS AGO)

BUT WHAT ABOUT 7??@SWARNALATHA

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

GNANASEKAR (2 YEARS AGO)

3, 5, 2, 3.5,7, x
+1,+1 +1,+1 ,+2 -2
4, 6, 3, 4.5,9, 1.5
x-2=1.5
x=2+1.5
x=3.5

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

🧩 **(#M40029591) IBM QUESTION**

KEEP AN EYE 👁️

Q. Let p and q be two integers such that they have 14 and 384 as their HCF and LCM respectively which of the following will be true?

Option
a) Many such p and q exists
b) Only one such p and q exists
c) No such p and q exists
d) Only two such p and q exists

Asked In *IBM*   👤 *Tanguturi Saisarikareddy (3 years ago)*

Solved 👤 **Sagnik Raha**   💬 *Read Solution (6)*

Is this Puzzle helpful?   [Yes] (19)   [No] (2)

✍️ *Submit Your Solution*
LCM and HCF

SAGNIK RAHA (3 YEARS AGO)

We know that, HCF is always a factor of LCM.

Since 14 is not a factor of 384.

It follows that there does not exist such p and q.

Hence the answer is option c.

Is this solution Helpfull? **Yes (75)** | **No (1)**

MONALISA SARKAR (3 YEARS AGO)

Product of two numbers= LCM/HCF

Let a and b be the two integers and their LCM is L ad HCF is H...

hence, aXb=L/H . Here pXq= 384/14

since, this figure is not completely divisible hence, no such p and q exists.

Ans- C

Is this solution Helpfull? **Yes (8)** | **No (13)**

SWATI AGARWAL (3 YEARS AGO)

LCM = 7*2

HCF = 2^7 * 3

7 is not the factor of 384.

Hence their cant be any such integers

Hence , c

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

SWARNALATHA GADHIVAN (3 YEARS AGO)

many such p and q exists(a)

p*q=14*384

14,384 are not prime numbers....so many such p and q exists

Is this solution Helpfull? **Yes (5)** | **No (12)**

ARUNIMA DEY (2 YEARS AGO)

14 is not a factor of 384. so, option C

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

SAGAR CHOWDHURY (2 YEARS AGO)

here option (b) is correct.

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

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

Solved Question (162)   **UnSolved Question (1480)**

0 Comments   **m4maths**   1 **Login**

♥ **Recommend**   ☑ **Share**   Sort by Best

👤   Start the discussion…

Be the first to comment.

ALSO ON M4MATHS

Frequently Asked IBM Placement Papers with Solution Page 2
2 comments • 3 months ago•

👤   harikrishna — friends this questions asked 29th sep

Beehyv Software Solutions Placement Papers with Solution : Solved Question
1 comment • 10 months ago•

👤   fazulahmed — Months in a year

CAT Logical Reasoning - Number Series Question with Solutions
1 comment • 9 months ago•

🦟   Rahul Sahu — ans is =113+3=2*2+22+6=3*2+23+11=6*2+2solution by Deepal Pal

UGC-NET Latest Exam Pattern - UGC-NET Question with Solutions
1 comment • 9 months ago•

👤   Gyan Sagar Institute — Best Coaching Center for UGC NET

✉ **Subscribe**   ⒹＡdd Disqus to your site Add Disqus Add   🔒 **Privacy**

👥
1338K+

Registerd user

🏆
937K+

Engineers

💼
401K+

MBA Asprirant

🏢
3K+

Enginnering College

📄
250+

Company Exam

📘
150K+

Interview Questions

SITE LINKS

Home
Result
Today's Puzzle
Discussion Board
Maths Tricks
Advertise with us
Contact Us

USEFUL INFO

Maths Quotes
Previous Puzzles