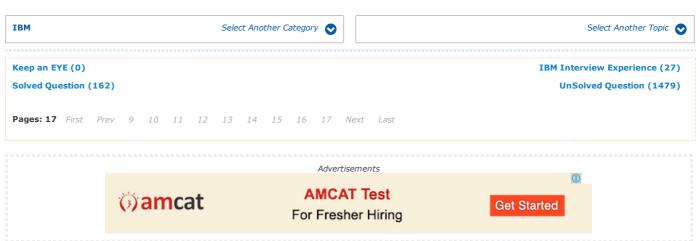
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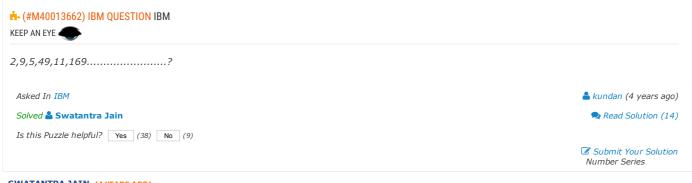




Placement Questions / IBM

IBM Placement Papers with Solution: Solved Question Page 13





SWATANTRA JAIN (4 YEARS AGO)



prime series with alternate squares:-2,3^2,5,7^2,11,13^2, next no.= 17

Is this solution Helpfull? Yes (111) | No (8)

HARIKA (4 YEARS AGO)



prime number series: 2,3,5,7,11,13,17,19....

By observing the given series,the alternate series in the prime number series is square hence....

2,3^2,5,7^2,11,13^2,17,19^2...=> 2,9,5,49,11,169,17,361

Is this solution Helpfull? Yes (20) | No (2)

ANKIT CHAUDHARY (4 YEARS AGO)



next no is 20 2,3^2,5,7^2,11,13^2,20,22^2 check 2+3=5,5+6=11,11+9=20 check 3^2+4=7^2,7^2+6=13^2,13^2+9=22^2

Is this solution Helpfull? Yes (9) | No (17)

RAJANESH.K (4 YEARS AGO)

2 series 2,5,11 3^2,7^2,13^2 missing term belongs to first series 2,(2+3),(5+6),(11+12) so my answer is 23

Is this solution Helpfull? Yes (8) | No (6)

MUTHU MADHAVAN (3 YEARS AGO)



prime series with alternate squares:-2,3^2,5,7^2,11,13^2, next no.= 17

Is this solution Helpfull? Yes (6) | No

-AMIT KUMAR SRIVASTAVA (4 YEARS AGO)

2*2+1=5 5*2+1=11 11*2+1=23

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

ANILKUMAR (2 YEARS AGO)



2,9,5,49,11,169......? ans: 2,3^2,5,7^2,11,13^2, (17)

all are in prime numbers difference is middle numbers is squres in that order 17 is next number

Is this solution Helpfull? Yes (3) | No

SUMIT NAGAR (2 YEARS AGO)

2,3*3,5,7*7,11,13*13,17 answer is 17 .

Is this solution Helpfull? Yes (3) | No

-SAMPURNA (3 YEARS AGO)-

2,3^2,5,7^2,11,13^2 2+3 = 5 5+7 = 11 11+13 = 24 so, next no. is 24.

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

-PATTISAPU.LAKSHMIDEEPTHI (2 YEARS AGO)-

prime numbers are 2,3,5,7,11,13,17,19.....

2
3^2=9
5
7^2=49
11
13^2=169
answer is
17
19^2=361
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. Is this solution Helpful? Yes (1) No

KARY (1 YEAR AGO)

ans is 17.

Is this solution Helpfull? Yes | No (1)

PAOLO OTTOLINO (10 MONTHS AGO)



My answer is 18.

The sequence could be described as 'x,y,(y/x+n),...; where:

n=1(2,9.5),2(5,49,11),3(11,169,?)

Is this solution Helpfull? Yes | No (4)

NANDINI (1 MONTH AGO)

 $sequence\ of\ prime\ numbers\ with\ alternate\ squares......2,3^2,5,7^2,11,13^2,17.....$

Is this solution Helpfull? Yes | No

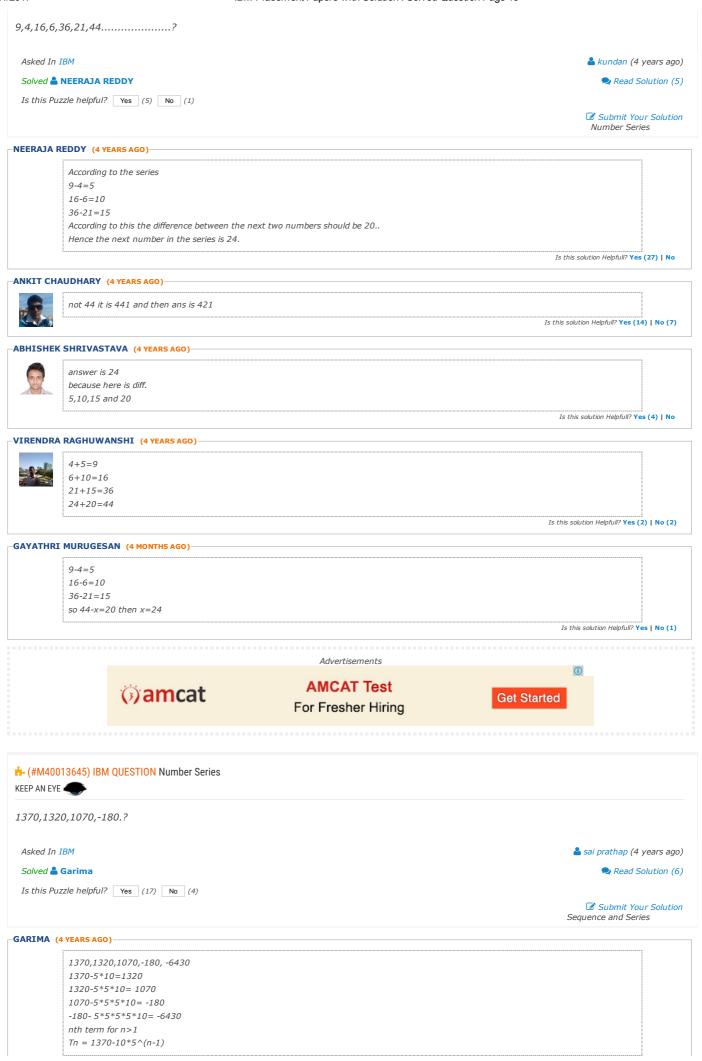
PRIYA CHAUHAN (1 MONTH AGO)

2,3^2,5,7^2,11,13^2,17 ans is 17

Is this solution Helpfull? Yes | No

♣ (#M40013659) IBM QUESTION IBM

KEEP AN EYE



Is this solution Helpfull? Yes (47) | No (5)

RAJESH KUMAR SETHI (4 YEARS AGO)



Answer is: -6430 solution: 1370 - 1320 = 501320 - 1070 = 250 (5*50)1070 - (-180) = 1250 (5*250)-180 - (x) = 6250 (5*1250)-x = 180 + 6250 = 6330x = -6430Is this solution Helpfull? Yes (15) | No (5)

GARIMA (4 YEARS AGO)

Th term for n>1 $Tn = T(n-1)-10*5^{n-1}$ Is this solution Helpfull? Yes (5) | No (3)

MATH LOVERS (4 YEARS AGO)



ans is -6430 diff. of continuous digit is 50, 250, 1250..they are in GP so next diff must be 6250... hence next digit is -180-6250 = -6430

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

-ABHISHEK SHRIVASTAVA (4 YEARS AGO)



ans is -6430 bcz there is diff....50,250,1250 and next will be 6250 so -180-6250=-6430

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

Submit Your Solution Number Series

DUNDI (4 YEARS AGO)



-6430

1370-50 = 1320

1320-5*50=1070

1070-5*5*50 = -180
-180-5*55*550 = -6430

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

GARIMA (4 YEARS AGO)

9,4,16,6,36,21,441, 421

9-5=4

4^2=16

16-10=6

6^2=36

36-15=21

21^2=441

441-20=421

Is this solution Helpfull? Yes (31) | No (4)

USHA CHOLLETI (3 YEARS AGO)

9-4=5
16-6=10
36-21=15
so 441-x=20==>x=421

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

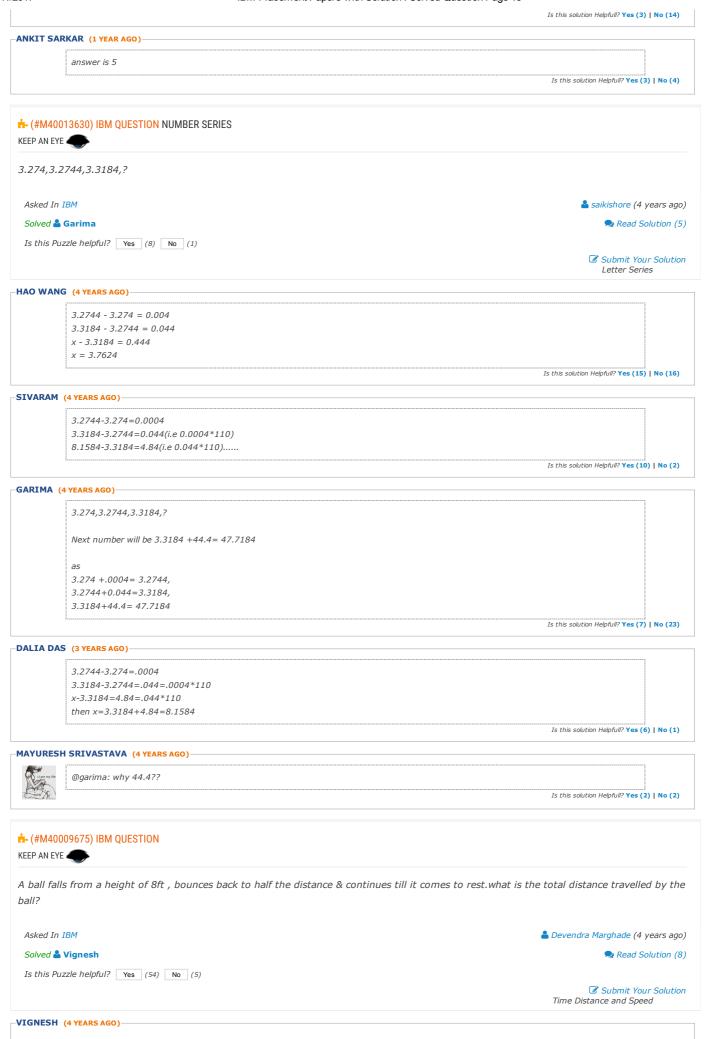
-KUMARI (2 YEARS AGO)-421 9-5=416-10=6 36-15=21 441-20=421 i.e we can sutract 5,10,15,20 from the previous answer Is this solution Helpfull? Yes (2) | No DEEPAK KUMAR (1 YEAR AGO) 9-4=5, 16-6=10. 36-21=15; 441-x=20: x=421(ans)Is this solution Helpfull? Yes | No ♣ (#M40013641) IBM QUESTION Number Series KEEP AN EYE 8,0.5,16,4,15,0.3,50,4.5,6,0.2,30,? Asked In IBM sai prathap (4 years ago) Solved & Garima Read Solution (5) Is this Puzzle helpful? Yes (30) No (5) **☑** Submit Your Solution Sequence and Series JAYASHREE BAL (4 YEARS AGO) make first 4nos a pair,2nd 4 no a pair n 3 rd 4nos a pair .den we wil get 8,0.5,16,4 i.e 8/0.5=16 & 8*0.5 =4 similarly d 2nd pair also n finally 6/0.2=30 & 6*0.2=1.2. so d ans is 1.2 Is this solution Helpfull? Yes (84) | No (5) GARIMA (4 YEARS AGO) next term is 5.0 8,0.5,16,4,15,0.3,50,4.5,6,0.2,30,5 $8,0.5,16, \dots 8/0.5=16$ next term is..... 4. 15/0.3= 50 next term is...... 4.5 6/0.2= 30 Next term is..... 5 Is this solution Helpfull? Yes (30) | No (18) MONIKA GAUTAM (2 YEARS AGO) next term is 1.2 8,0.5,16,4,15,0.3,50,4.5,6,0.2,30,5 8/0.5=16 8*0.5=4. 15/0.3= 50 15*0.3=4.5 6/0.2 = 306*0.2=1.2

AMARDEEP VERMA (2 YEARS AGO)



4)33+8=41, 46+21=67, 72+47=119 41+5=46, 67+5=72, 119+5=124 8+13=21, 21+(13*2)=47, 47+(13*3)=86answer=86 (any dought)

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





```
Total distance traveled by the ball = 24ft.

Distance = 8+2(4+2+0.5+0.25+....)
=> 8+2*4/(1-1/2)
=> 8+16=24

Is this solution Helpfull? Yes (67) | No (22)
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JYOTISH R (4 YEARS AGO)



8+(twice the sum of infinite terms of the GP 4,2,1,.5....) 8+2*(4/(1-.5)) 8+2*8=8+16=24

Is this solution Helpfull? Yes (25) | No (6)

SELVA (4 YEARS AGO)



23.50 feet

1st dropped 8ft

2nd jump 4ft(4+4)

3rd jump 2ft(2+2)

4th jump 1ft(1+1)

5th jump .5ft(.5+.5)

6th jump .25(.25+.25)
.......

REDDY (4 YEARS AGO)

distance=8+4+2+1+.5+.25+.125+....... (this value never exceeds 16) approximately = 16

Is this solution Helpfull? Yes (5) | No (18)

PRATHIMA (4 YEARS AGO)

ans 24 8+4+4+2+2+1+1+.5+.5+.25+.25+0.125+0.125+0.0625+0.0625+........

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

-MOGAL SAMRAT (4 YEARS AGO)-

ans: 16 the form is:8+4+2+1+1/2+... it is in GP infinite loop ie 8/(1-1/2)=16

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

NITIN TYAGI (4 YEARS AGO)

23.50 feet 1st dropped 8ft 2nd jump 4ft(4+4) 3rd jump 2ft(2+2)

4th jump 1ft(1+1) 5th jump .5ft(.5+.5) 6th jump .25(.25+.25)=23.5

Is this solution Helpfull? Yes (2) | No (11)

SHIRLEY (4 YEARS AGO)

8+4+2+1=15ft

Is this solution Helpfull? Yes (1) | No (42)

♣ (#M40005610) IBM QUESTION Permutation and combinations



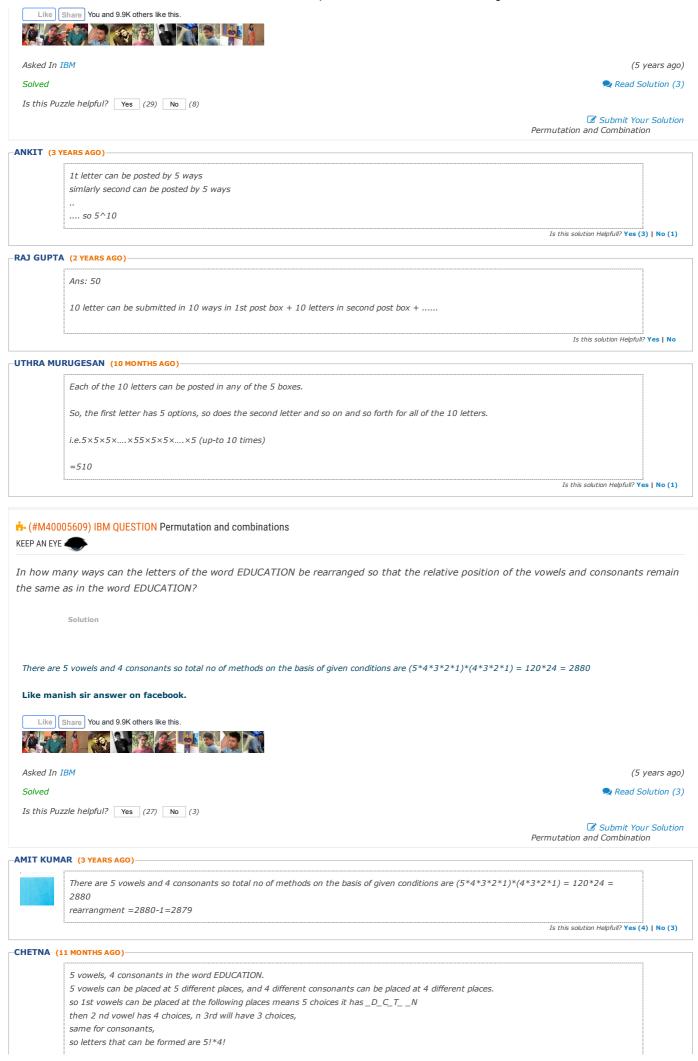
How many ways can 10 letters be posted in 5 post boxes, if each of the post boxes can take more than 10 letters?

Solution

We can place any letter in any of the letter box so total methods

= 5*5*5...... 10 times = 5^10

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