

Placement Questions / IBM

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Keep an EYE (0)

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🚩 (#M40035206) IBM QUESTION

KEEP AN EYE 🐼

A watch was sold at a profit of 15%. If its cost had been 5% less and it had been sold for Rs. 21 less, than the profit would have been 10%. Find the cost price of the watch

Asked In IBM

Aashu (2 years ago)

Solved 🐼 berry bisi

Read Solution (7)

Is this Puzzle helpful? (39) (11)
[📝 Submit Your Solution](#)
Profit and Loss

GAURI MODANI (2 YEARS AGO)

Better to avoid algebraic method as it consumes more time .

So let cost price =100

then 1st selling price =115(profit 15%)

the second cost price =95(cost price is 5% less)

then second price =95+10% of 95=104.50

therefore the difference in selling price =115-104.50=10.50

bt actual difference is 21

if difference is 10.50 the cost price=100

if difference is 21 the cost price =(100/10.50)*21=200

so x =200 (answer)

Is this solution Helpful? **Yes (94)** | **No (1)**

SUBRATA PATRA (2 YEARS AGO)



let the price of the watch is x

it was sold at a profit of 15%

then the price of the watch is 1.15x

again cost had been decreased by 5% i.e 0.95x

according to the question

$1.15x = 0.95x * (110/100) + 21$

then x=200

Is this solution Helpful? **Yes (20)** | **No**

BERRY BISI (2 YEARS AGO)

Let the cost price be x

S.p.=(1+.15)x

New c.p.=.95x

New s.p.=(1+.1).95x

By given question

$(1+.15)x - (1+.1).95x = 21$

$$X = 21 / (1.15 - 1.045) = 21 / .105 = 200$$

Cost of watch = 200

Is this solution Helpful? **Yes (14)** | **No (1)****MUNI (2 YEARS AGO)**

let us consider cp is x
 $sp = x + 15\%x = x + 15/100x = 23/20x$
 if cost price is reduced by 5% means new cp = $x - x/20 = 19/20x$
 sp is reduced by 21 means new sp = $23/20x - 21$
 profit is 10% means $10/100 * 19/20x = 19/200x$
 from data
 $sp - cp = \text{profit}$
 $23/20x - 21 - 19/20x = 19/200x$
 $230x - 190x - 19x/200 = 21 \Rightarrow 21/200x = 21 \Rightarrow x = 200$
 so cp = 200

Is this solution Helpful? **Yes (6)** | **No (2)****SOMBHATLA NAVEENA (1 YEAR AGO)**

the way gauri modani explained was superb....keep it up gauri

Is this solution Helpful? **Yes (3)** | **No****DEEP SINGH (1 YEAR AGO)**

$s.p = 115/100 * c.p \dots\dots\dots (1)$
 $s.p - 21 = 110/100 (c.p - 5/100 c.p)$
 put value of s.p from (1) in (2)...
 $115/100 * c.p - 21 = 110/100 (c.p - 5/100 c.p)$
 solve it and c.p comes = Rs 200

Is this solution Helpful? **Yes** | **No****B.TEJA (1 YEAR AGO)**

$$10/21 * 100 =$$

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

🔑 (#M40035025) IBM QUESTION

KEEP AN EYE

In how many different ways can the letters of the word 'APPLE' be arranged?

Asked In **IBM****Aashu** (2 years ago)Solved **RAKESH****Read Solution (18)**Is this Puzzle helpful? **Yes** (18) **No** (7)
[Submit Your Solution](#)
 Permutation and Combination
RAKESH (2 YEARS AGO)

'APPLE' contains 5 letters in which 1A, 2P, 1L & 1E
 reqd no. of ways = $5!/2! = 5*4*3 = 60$

Is this solution Helpful? **Yes (34)** | **No****MD SOHAIL AKHTER (2 YEARS AGO)**

since there are 5 letters in 'APPLE'. and P appears 2 times
 so they can be arranged in $5!/2! = 60$ ways

Is this solution Helpful? **Yes (13)** | **No****BHAGAT (2 YEARS AGO)**

Totally there are 5 letters on the word APPLE. it contains 1A, 2P, 1L, 1E.
 The no of ways is $5!/2! = 120/2 = 60$ ways.

Is this solution Helpful? **Yes (4)** | **No****SHRAVAN KUMAR H (2 YEARS AGO)**

The word APPLE contains 5 letters, so it can be arranged in 120 ways. But the letter P is repeated 2 times so it can be arranged in $120/2 = 60$ ways.

Is this solution Helpful? **Yes (3)** | **No****AADIL HHUSSAIN (2 YEARS AGO)**

60

becoz APPLE can be arranged in 5! different way and becoz of repetation of P, 5! is divided by 2!...so answer is 60..

Is this solution Helpful? **Yes (2)** | **No****GIRIBOINA CHANDANA** (2 YEARS AGO)

1A, 2P, 1L, 1E

the no of ways = $5!/2! = 60$ Is this solution Helpful? **Yes (1)** | **No****AADIL HHUSSAIN** (2 YEARS AGO) $5!/2! = 60$

5! for the arrangement of APPLE

2! for the repetition of p...

Is this solution Helpful? **Yes (1)** | **No****ANKITA GUPTA** (1 YEAR AGO) $5!/2! = 60$

so 60 is answer.

Is this solution Helpful? **Yes (1)** | **No****SHABANA BANU SHAIK** (1 YEAR AGO)

number of letters in the word apple is 5.....so number of ways we can arrange it is 5! times.....as two letters are repeated.....it can be arranged as $5!/2! = 120/2 = 60$

Is this solution Helpful? **Yes (1)** | **No****DIVYA** (2 YEARS AGO)APPLE contains 5 letters so $5! = 120$ Is this solution Helpful? **Yes** | **No (7)****SUBRATA PATRA** (2 YEARS AGO) $5!/2 = 60$ waysIs this solution Helpful? **Yes** | **No (1)****SHABANABEGUM** (2 YEARS AGO)APPLE = 5, 2P are there so $2! \dots 5!/2! = 60$ Is this solution Helpful? **Yes** | **No****KUMKUM SARGAIYAN** (2 YEARS AGO) $5!/2! = 120/2 = 60$ Is this solution Helpful? **Yes** | **No****ASMITA XAVIER DUNG DUNG** (2 YEARS AGO)60, $(5 \times 4 \times 3 \times 2 \times 1) / 2$ Is this solution Helpful? **Yes** | **No****RAJI SAMLA** (2 YEARS AGO) $5!/2! = 60$

no. of letters in apple = 5

repetition = 2!

Is this solution Helpful? **Yes** | **No****SWATI VILAS KADAM** (2 YEARS AGO)

60

APPLE contains 5 letters so its 5! and P is repeated 2 times so its 2! so solution is

 $5!/2! = 60$ Is this solution Helpful? **Yes** | **No****PRIYA** (2 YEARS AGO)

60

 $5!/2! = 60$ Is this solution Helpful? **Yes** | **No****DIVYA BISHNOI** (2 YEARS AGO)

$$5!/2!=60$$

Is this solution Helpful? [Yes](#) | [No](#)

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(#M40034857) IBM QUESTION number series

KEEP AN EYE

What is the next number of the following sequence
7776,625,64,9,2

Asked In [IBM](#)

Jagriti Banerjee (2 years ago)

Solved Saraswathy

Read Solution (9)

Is this Puzzle helpful? (40) (4)

Submit Your Solution
Number Series

SARASWATHY (2 YEARS AGO)



7776,625,64,9,2, x
7796 --> 6^5
625 --> 5^4
64 --> 4^3
9 --> 3^2
2 --> 2^1
x --> $1^0 ==> 1$

Ans : 1

Is this solution Helpful? [Yes \(57\)](#) | [No \(2\)](#)

GITANJALI K (2 YEARS AGO)



$6^5=7776$
 $5^4=625$
 $4^3=64$
 $3^2=9$
 $2^1=2$
 $1^0=1$
therefore next no. is 1

Is this solution Helpful? [Yes \(4\)](#) | [No](#)

RUPENDRA SAHU (1 YEAR AGO)



what will be the next number in the following series??
4,18,...,100,180,294- (a)32 (b)36 (c)40 (d) 48

Is this solution Helpful? [Yes \(3\)](#) | [No](#)

SRAVANI (2 YEARS AGO)



$6^5, 5^4, 4^3, 3^2, 2^1, 1^0=1$

Is this solution Helpful? [Yes \(1\)](#) | [No](#)

K.SIVA NAGA VALLI (2 YEARS AGO)

$6^5=7776$
 $5^4=625$
 $4^3=64$
 $3^2=9$
 $2^1=2$
 $1^0=1$
next number 1

Is this solution Helpful? [Yes](#) | [No](#)

DIVYA (2 YEARS AGO)

$64=4^3$
 $9=3^2$
 $2=2^1$

$1=1^0$
ans : 1

Is this solution Helpful? [Yes](#) | [No](#)

PRIYANKA (2 YEARS AGO)



$1^0=1$ is ans.
 $6^5=7776$
 $5^4=625$
 $4^3=64$
 $3^2=9$
 $2^1=2$
 $1^0=1$

Is this solution Helpful? [Yes](#) | [No](#)

GIRIBOINA CHANDANA (2 YEARS AGO)

here $2^1=2$
 $3^2=9$
 $4^3=64$
 $5^4=625$
 $6^5=7776$
 $7^6=117649$ 117649 is the answer

Is this solution Helpful? [Yes](#) | [No](#) (4)

MONIKA BATHAM (1 YEAR AGO)

series is lyk dat $6^5, 5^4, 4^3, 3^2, 2^1$...so next term is $1^0=1$

Is this solution Helpful? [Yes](#) | [No](#)

(#M40034813) IBM QUESTION number series

KEEP AN EYE

What is the next number of the following sequence
49, 7, 98, 16, 4, 48, 9, 3, 36, 25, 5, 125

Asked In [IBM](#)

Solved [Prateek Agarwal](#)

Is this Puzzle helpful? (30) (14)

[Jagriti Banerjee](#) (2 years ago)

[Read Solution](#) (14)

[Submit Your Solution](#)
Sequence and Series

DIVYA (2 YEARS AGO)

$7^2=49$
 $49*2=98$
(7-3==>4)subtraction of odd number
 $4^2=16$
 $16*3=48$
(4-1==>3)subtraction of odd number
 $3^2=9$
 $9*4=36$
(3+2==>5)addition of even number
 $5^2=25$
 $25*5=125$
(5+4==>9)addition of next even number
 $9^2=81$
 $81*6=486$
ans:81,9,486

Is this solution Helpful? [Yes](#) (12) | [No](#) (6)

HARDEEP SINGH (2 YEARS AGO)

(49,7,98),(16,4,48),(9,3,36),(25,5,125),(x,y,z)

in each groups 2nd element² = 1st element
thus we need to find y first to get the value of x ..

thus consider only 2nd term of each group ...

(_,7,_), (_,4,_), (_,3,_), (_,5,_)

now $7-4 = 3 - | 3-1 = 2$
 $4-3 = 1 - |$
 $3-5 = -2 - | 1-(-2) = 3$
 i.e. $5-y = k - | -2-k=4 \rightarrow k=-6$

i.e. $5-y=k \rightarrow 5-y=-6 \rightarrow y=11$

therefore $x = y^2 \rightarrow 11^2 \rightarrow 121$

(121,11,726)

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

RAJ KIRAN (2 YEARS AGO)

36,6,216 simply

Is this solution Helpful? **Yes (7)** | **No (5)**

ANIL535 (2 YEARS AGO)

$(7^2, 7, 7^2 * 2), (4^2, 4, 4^2 * 3), (3^2, 3, 3^2 * 4), (5^2, 5, 5^2 * 5), (6^2, 6, 6^2 * 6)$

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

PRATEEK AGARWAL (2 YEARS AGO)



$7 \times 7 = 49$

$49 \times 2 = 98$

$4 \times 4 = 16$

$16 \times 3 = 48$

$3 \times 3 = 9$

$9 \times 4 = 36 \dots \text{and so on}$

<http://www.getaheadofthegames.com/best-cooking-games>

Is this solution Helpful? **Yes (5)** | **No (33)**

DEEPIKA KV (2 YEARS AGO)

give proper ans pls

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

AKHIL BALUJA (2 YEARS AGO)



$36 \times 6 = 216$ ans

so $x = 36$

$y = 6$

$z = 216$

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

CHIRAG RANJAN LAHIRI (2 YEARS AGO)



$36 \times 6 = 216$ ans

so $x = 36$

$y = 6$

$z = 216$

Is this solution Helpful? [Yes \(2\)](#) | [No \(3\)](#)**VIVEK KUMAR** (1 YEAR AGO)

ans is 36 6 216

Is this solution Helpful? [Yes \(2\)](#) | [No \(1\)](#)**MANOJ BAISOYA** (1 YEAR AGO)

$7^2=49$
 $49 \times 2=98$
 $(7-3==>4)$ subtraction of odd number
 $4^2=16$
 $16 \times 3=48$
 $(4-1==>3)$ subtraction of odd number
 $3^2=9$
 $9 \times 4=36$
 $(3+2==>5)$ addition of even number
 $5^2=25$
 $25 \times 5=125$
 $(5+4==>9)$ addition of next even number
 $9^2=81$
 $81 \times 6=486$
 ans: 81, 9, 486

Is this solution Helpful? [Yes \(2\)](#) | [No \(1\)](#)**SUBASH** (1 YEAR AGO)

$(49, 7, 98), (16, 4, 48), (9, 3, 36), (25, 5, 125), (x, y, z)$
 $(7^2, 7, 7^2 \times 2)$
 $98/7=14; 14-(7+3)=4; (4^2, 4, 4^2 \times 3).$
 $48/4=12. 12-(4+5)=3; (3^2, 3, 3^2 \times 4).$ next series, we know $(25, 5, 125)$
 $36/3=12. 12-(3+y)=5.. y=4.$ So the last series would be $(4^2, 4, 4^2 \times 6)$

Is this solution Helpful? [Yes \(1\)](#) | [No \(1\)](#)**ARPIT DUBEY** (1 YEAR AGO)

xyz value of new term (121 , 11 , 726)

Is this solution Helpful? [Yes](#) | [No \(1\)](#)**ALOK SWARNKAR** (1 YEAR AGO)

$7 \times 7=49, 7^2=14 \times 7=98$
 $4 \times 4=16, 4^2=12 \times 4=48$
 $3 \times 3=9, 3^2=12 \times 3=36$
 $5 \times 5=25, 5^2=25 \times 5=125$

Is this solution Helpful? [Yes](#) | [No \(1\)](#)**SOMBHATLA NAVEENA** (1 YEAR AGO)

vivek can u pls explain me how u have got that ans....

Is this solution Helpful? [Yes](#) | [No](#)

(#M40034782) IBM QUESTION number series

KEEP AN EYE

81, 162, 49, 98, 25, 50, 64

Asked In [IBM](#)

(2 years ago)

Solved [naval gupta](#) [Read Solution \(15\)](#)Is this Puzzle helpful? (13) (1) [Submit Your Solution Sequence and Series](#)**NAVAL GUPTA** (2 YEARS AGO)

$[81, 162], [49, 98], [25, 50], [64, 128]$
 $81 \times 2=162$
 $49 \times 2=98$
 $25 \times 2=50$

$$64 \times 2 = 128$$

$$\dots)$$

Is this solution Helpful? [Yes \(34\)](#) | [No](#)**MD SOHAIL AKHTER (2 YEARS AGO)**

$$81 \times 2 = 162, 49 \times 2 = 98, 25 \times 2 = 50, 64 \times 2 = 128$$

ans- 128

Is this solution Helpful? [Yes \(2\)](#) | [No](#)**SNEHA (2 YEARS AGO)**

$$81 \times 2 = 162$$

$$49 \times 2 = 98$$

$$25 \times 2 = 50$$

$$64 \times 2 = 128$$

Is this solution Helpful? [Yes \(1\)](#) | [No](#)**SHUBHAM KUMAR (2 YEARS AGO)**

128
 number is odd differ by 2,
 $9^2, 9^2 \times 2, 7^2 \times 2, 5^2 \times 2, 5^2 \times 2$, if number=5, then
 number is even differ by 2 but starting number first even number $8^2, 8^2 \times 2$

Is this solution Helpful? [Yes](#) | [No](#)**NASSARSHAHAB (2 YEARS AGO)**

$$81 \times 2, 49 \times 2, 25 \times 2, 64 \times 2$$

Is this solution Helpful? [Yes](#) | [No](#)**NISHASHREE J C (2 YEARS AGO)**

(81,162)(49,98)(25,50)(64,--)
 clearly $81 \times 2 = 162$
 $49 \times 2 = 98$ and $25 \times 2 = 50$ so $64 \times 2 = 128$
 Answer=128

Is this solution Helpful? [Yes](#) | [No](#)**KOYEL CHATTERJEE (2 YEARS AGO)**

$$9^2, 9^2 \times 2, 7^2 \times 2, 5^2 \times 2, 5^2 \times 2, 8^2, 8^2 \times 2 = 128$$

ans: 128

Is this solution Helpful? [Yes](#) | [No](#)**MANASA AKULA (2 YEARS AGO)**

$$81 + 81 = 162$$

$$49 + 49 = 98$$

$$\text{Ans } 64 + 64 = 128$$

sa

Is this solution Helpful? [Yes](#) | [No](#)**DIVYA (2 YEARS AGO)**

$$81 \times 2 == > 162$$

$$49 \times 2 == > 98$$

$$25 \times 2 == > 50$$

$$64 \times 2 == > 128$$

Is this solution Helpful? [Yes](#) | [No](#)**SUBRATA PATRA (2 YEARS AGO)**

$$128$$

$$64 \times 2 = 128$$

Is this solution Helpful? [Yes](#) | [No](#)**PIYUSH PAREEK (2 YEARS AGO)**

$$81 \times 2 = 162,$$

$$49 \times 2 = 98,$$

$$25 \times 2 = 50,$$

$$64 \times 2 = 128.$$

Ans=128

Is this solution Helpful? [Yes](#) | [No](#)**GIRIBOINA CHANDANA (2 YEARS AGO)**

$81 \times 2 = 162$
 $49 \times 2 = 98$
 $25 \times 2 = 50$ then
 $64 \times 2 = 128$ the answer is 128

Is this solution Helpful? [Yes](#) | [No](#)**TEJA (2 YEARS AGO)**


$81 \times 2 = 162$
 $49 \times 2 = 98$
 $25 \times 2 = 50$
 $64 \times 2 = 128$

Is this solution Helpful? [Yes](#) | [No](#)**SUNKARI APARNA (2 YEARS AGO)**

$81 \times 2 = 162$
 $49 \times 2 = 98$
 $25 \times 2 = 50$
 so $64 \times 2 = 128$

Is this solution Helpful? [Yes](#) | [No](#)**DWARAMPUDI DHARANISINDHU (2 YEARS AGO)**

$81 \times 2 = 162, 49 \times 2 = 98, 25 \times 2 = 50, 64 \times 2 = 128$

Is this solution Helpful? [Yes](#) | [No](#)**🚩 (#M40034778) IBM QUESTION Number Series**KEEP AN EYE 

Written Test in IBM held on 6th April at Acharya Institute of Technology, Bangalore.

1. Number Series (18 Questions)

2. Aptitude (18 Questions) ==> Average

Time and Work

Time and Distance

Partnership

Total 36 Questions.

No negative Marking.

Each Question having 2min 15sec.

- 1) 3, 6, 9, 12, 15, 18, 21, ?
- 2) 1, 3, 4, 5, 13, 2, 3, 4, 22, 1, 2, 3, ?
- 3) 0, 1, 1, 2, 0.5, 2, 2, 4, 2, 2, 4, 3, 7, 2, ?
- 4) $\frac{1}{2}, \frac{1}{4}, \frac{3}{4}, \frac{3}{8}, \frac{7}{8}, \frac{7}{16}, ?$
- 5) 2, 8, 3, 27, 4, 64, 5, 125, 6, 216, 7, ?
- 6) 2, 3, 10, 15, 26, 35, 50, ?
- 7) 8.2, 3.9, 12.1, 6.2, 4.4, 10.6, 4.2, 4.9, 9.1, 2.2, 5.4, ?
- 8) 2, 3, 6, 13, 28, ?
- 9) 18, 6, 3, 33, 11, 8, 45, 15, 12, 72, ?
- 10) 1, 1, 3, 9, 11, 121, ?
- 11) -3, -6, -9, -82, -80, -30, -33, -36, -55, -53, -24, ?
- 12) 52, 62, 42, 78, 89, 68, 49, 61, 39, 63, 76, ?
- 13) -12, 6, -15, -5, 28, -14, 9, 3, -18, ?
- 14) 2, 1, 2, 4, 8, 2, 16, 0.5, 8, 3, 4, ?

15) 10,12,-36,-7,-5,15,19,21,?

16) 5,1,2,8,8,1,0,9,9,2,3,?

17) 15 $\frac{3}{4}$,16,26,9 $\frac{1}{5}$,9,19,64 $\frac{2}{3}$,65,75,243/8,?

(Or)

63/4,16,26,46/5,9,19,194/3,65,75,243/8,?

18) 7,-14,-4,15,-30,-20,-21,?

Asked In **IBM**

(2 years ago)

Solved  **RAKESH**

 Read Solution (12)

Is this Puzzle helpful? (44) (7)

 Submit Your Solution
Sequence and Series

SARASWATHY (2 YEARS AGO)



1) 3,6,9,12,15,18,21,x

$$3 * 1 = 1$$

$$3 * 2 = 6$$

$$3 * 3 = 9$$

.

$$3 * 7 = 21$$

$$3 * 8 = 24$$

Ans : 24

2) 1,3,4,5,13,2,3,4,22,1,2,3, x

$$1 + 3 + 4 + 5 = 13$$

$$13 + 2 + 3 + 4 = 22$$

$$22 + 1 + 2 + 3 = 28$$

Ans : 28

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

$$0 + 1 = 1$$

$$1/2 = 0.5$$

$$2 + 2 = 4$$

$$4/2 = 2$$

$$4 + 3 = 7$$

$$7/2 = 3.5$$

Ans : 3.5

4) $(\frac{1}{2}, \frac{1}{4}, \frac{3}{4}, \frac{3}{8}), (\frac{7}{8}, \frac{7}{16}, x, y)$

$$\frac{1}{2} * \frac{1}{2} = \frac{1}{4}$$

$$\frac{1}{4} * 3 = \frac{3}{4}$$

$$\frac{3}{4} * \frac{1}{2} = \frac{1}{8}$$

$$\frac{7}{8} * \frac{1}{2} = \frac{7}{16}$$

$$\frac{7}{16} * 3 = \frac{21}{16}$$

$$\frac{21}{16} * \frac{1}{2} = \frac{21}{32}$$

Ans : $\frac{21}{16}, \frac{21}{32}$

5) (2,8),(3,27),(4,64),(5,125),(6,216),(7, x)

cube of 1st number is 2nd number

$$7^3 = 343$$

Ans : 343

6) 2,3,10,15,26,35,50, x

$$1^2 + 1 = 2$$

$$2^2 - 1 = 3$$

$$3^2 + 1 = 10$$

$$4^2 - 1 = 15$$

$$5^2 + 1 = 26$$

$$6^2 - 1 = 35$$

$$7^2 + 1 = 50$$

$$8^2 - 1 = 63$$

Ans : 63

7) (8.2,3.9,12.1),(6.2,4.4,10.6),(4.2,4.9,9.1),(2.2,5.4, x)

$$12.1 - 1.5 = 10.6$$

$$10.6 - 1.5 = 9.1$$

$$9.1 - 1.5 = 7.6$$

Ans : 7.6

8) 2,3,6,13,28, x

$$2 * 2 - 1 = 3$$

$$3 * 2 + 0 = 6$$

$$6 * 2 + 1 = 13$$

$$13 * 2 + 2 = 28$$

$$28 * 2 + 3 = 59$$

Ans : 59

9) (18,6,3),(33,11,8),(45,15,12),(72, x, y)

$$18/3 = 6$$

$$6 - 3 = 3$$

$$33/3 = 11$$

$$11 - 3 = 8$$

$$45/3 = 15$$

$$15 - 3 = 12$$

$$72/3 = 24$$

$$24 - 3 = 21$$

Ans : 24, 21

10) 1,1,3,9,11,121,x

$$1^2 = 1$$

$$1 + 2 = 3$$

$$3^2 = 9$$

$$9 + 2 = 11$$

$$11^2 = 121$$

$$121 + 2 = 123$$

Ans : 123

11) -3,-6,-9,-82,-80,-30,-33,-36,-55,-53,-24,?

2 types of series:

$$-3,-6,-9,-82,-80$$

$$-30,-33,-36,-55,-53$$

$$-24,-27,-30$$

Ans : -27

12) (52,62,42),(78,89,68),(49,61,39),(63,76, x)

$$62 \rightarrow 52 + 10 \dots 42 \rightarrow 52 - 10$$

$$89 \rightarrow 78 + 11 \dots 68 \rightarrow 78 - 10$$

$$61 \rightarrow 49 + 12 \dots 39 \rightarrow 49 - 10$$

$$76 \rightarrow 63 + 13 \dots x \rightarrow 63 - 10$$

Ans : 53

13) (-12,6),(-15,-5),(28,-14),(9,3),(-18, x)

$$-12/-2 = 6$$

$$-15/3 = -5$$

$$28/-2 = -14$$

$$9/3 = 3$$

$$-18/-2 = 9$$

Ans : 9

14) 2,1,2,4,8,2,16,0.5,8,3/4, x

$$2 * 1 = 2$$

$$2 * 4 = 8$$

$$8 * 2 = 16$$

$$16 * 0.5 = 8$$

$$8 * 3/4 = 6$$

Ans : 6

15) (10,12,-36),(-7,-5,15),(19,21, x)

$$10 + 2 = 12$$

$$12 * -3 = -36$$

$$-7 + 2 = -5$$

$$-5 * -3 = 15$$

$$19 + 2 = 21$$

$$21 * -3 = -63$$

Ans : -63

16) (5,1,2,8),(8,1,0,9),(9,2,3, x)

$$5 + 1 + 2 = 8$$

$$8 + 1 + 0 = 9$$

$$9 + 2 + 3 = 14$$

Ans : 14

16) (63/4,16,26),(46/5,9,19),(194/3,65,75),(243/8, x, y)

$$63/4 = 16 \text{ (approximately)}$$

$$16 + 10 = 26$$

$$46/5 = 9$$

$$9 + 10 = 19$$

$$194/3 = 65$$

$$65 + 10 = 75$$

$$233/8 = 30$$

$$30 + 10 = 40$$

$$\text{Ans : } 30, 40$$

$$18) (7, -14, -4), (15, -30, -20), (-21, x, y)$$

$$7 * -2 = -14$$

$$-14 + 10 = -4$$

$$15 * -2 = -30$$

$$-30 + 10 = -20$$

$$-21 * -2 = 42$$

$$42 + 10 = 52$$

$$\text{Ans : } 42, 52$$

Is this solution Helpful? [Yes \(53\)](#) | [No \(2\)](#)**RAKESH (2 YEARS AGO)**

$$1) 3, 6, 9, 12, 15, 18, 21, ?$$

$$\text{next} = (\text{previous} + 3) \Rightarrow ? = 21 + 3 = 24$$

$$2) 1, 3, 4, 5, 13, 2, 3, 4, 22, 1, 2, 3, ?$$

$$1 + 3 + 4 + 5 = 13$$

$$13 + 2 + 3 + 4 = 22$$

$$22 + 1 + 2 + 3 = 28$$

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

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

$$0 + 1 = 1, 1/2 = 0.5$$

$$2 + 2 = 4, 4/2 = 2$$

$$4 + 3 = 7, 7/2 = 3.5$$

$$4) 1/2, 1/4, 3/4, 3/8, 7/8, 7/16, ?$$

$$1/2, 3/4, 7/8, 15/16 [1, 3, 7, x \Rightarrow (2^n - 1)]$$

$$1/4, 3/8, 7/16, 15/32$$

$$5) 2, 8, 3, 27, 4, 64, 5, 125, 6, 216, 7, ?$$

$$(2, 2^3), (3, 3^3), (4, 4^3), (5, 5^3), (6, 6^3), (7, 7^3)$$

$$\Rightarrow ? = 7^3 = 343$$

$$6) 2, 3, 10, 15, 26, 35, 50, ?$$

$$1^2 + 1$$

$$2^2 - 1$$

$$3^2 + 1$$

$$4^2 - 1$$

$$5^2 + 1$$

$$6^2 - 1$$

$$7^2 + 1$$

$$8^2 - 1 \Rightarrow ? = 63$$

$$7) 8.2, 3.9, 12.1, 6.2, 4.4, 10.6, 4.2, 4.9, 9.1, 2.2, 5.4, ?$$

$$(8.2, 3.9, 12.1), (6.2, 4.4, 10.6), (4.2, 4.9, 9.1), (2.2, 5.4, ?)$$

$$8.2+3.9=12.1$$

$$6.2+4.4=10.6$$

$$4.2+4.9=9.1$$

$$2.2+5.4=7.6$$

$$8) 2, 3, 6, 13, 28, ?$$

$$2^1 - 0 = 2$$

$$2^2 - 1 = 3$$

$$2^3 - 2 = 6$$

$$2^4 - 3 = 13$$

$$2^5 - 4 = 28$$

$$2^6 - 5 = 59$$

$$9) 18, 6, 3, 33, 11, 8, 45, 15, 12, 72, ?$$

$$(18, 6, 3), (33, 11, 8), (45, 15, 12), (72, x, y)$$

$$18/6 = 3, 6-3=3$$

$$33/11=3, 11-3=8$$

$$45/15=3, 15-3=12$$

$$72/x=3 \Rightarrow x=24$$

$$x-y=3 \Rightarrow y=21$$

$$10) 1, 1, 3, 9, 11, 121, ?$$

$$(1, 1), (3, 9), (11, 121), ?$$

$$1, 1^2, 1+2=3$$

$$3, 3^2, 9+2=11$$

$$11, 11^2, 121+2=123$$

$$11) -3, -6, -9, -82, -80, -30, -33, -36, -55, -53, -24, ?$$

$$(-3, -6, -9), (-82, -80), (-30, -33, -36), (-55, -53), (-24, x, y)$$

$$-3-3=-6, -6-3=-9, -82+2=-80$$

$$-30-3=-33, -33-3=-36, -55+2=-53$$

$$-24-3=x \Rightarrow x=-27$$

$$12) 52, 62, 42, 78, 89, 68, 49, 61, 39, 63, 76, ?$$

$$(52, 62, 42), (78, 89, 68), (49, 61, 39), (63, 76, x)$$

$$52+10=62, 52-10=42$$

$$78+11=89, 78-10=68$$

$$49+12=61, 49-10=39$$

$$63+13=76, 63-10=x \Rightarrow x=53$$

$$13) -12, 6, -15, -5, 28, -14, 9, 3, -18, ?$$

$$(-12, 6), (-15, -5), (28, -14), (9, 3), (-18, x)$$

$$-12/6 = -2, -15/-5=3$$

$$28/-14 = -2, 9/3 = 3$$

$$-18/x = -2 \Rightarrow x=9$$

$$14) 2, 1, 2, 4, 8, 2, 16, 0.5, 8, 3/4, ?$$

$$(10, 12, -36), (-7, -5, 15), (19, 21, x)$$

$$10 + 2 = 12, 12 * -3 = -36$$

$$-7 + 2 = -5, -5 * -3 = 15$$

$$19 + 2 = 21, 21 * -3 = x \Rightarrow x = -63$$

$$15) 10, 12, -36, -7, -5, 15, 19, 21, ?$$

$$(10, 12, -36), (-7, -5, 15), (19, 21, x)$$

$$10+2=12, 12*(-3)=-36$$

$$-7+2=-5, -5*(-3)=15$$

$$19+2=21, 21*(-3)=x \Rightarrow x = -63$$

$$16) 5, 1, 2, 8, 8, 1, 0, 9, 9, 2, 3, ?$$

$$(5, 1, 2, 8), (8, 1, 0, 9), (9, 2, 3, x)$$

$$5+1+2=8$$

$$8+1+0=9$$

$$9+2+3=14 \Rightarrow x=14$$

$$17) 15 \frac{3}{4}, 16, 26, 9 \frac{1}{5}, 9, 19, 64 \frac{2}{3}, 65, 75, 243/8, ?$$

$$(15 \frac{3}{4}, 16, 26), (9 \frac{1}{5}, 9, 19), (64 \frac{2}{3}, 65, 75), (24 \frac{3}{8}, x, y)$$

in each group

$$2nd \text{ no.} = \text{roundoff}(1st \text{ no.}) \quad 3rd \text{ no.} = (2nd \text{ no.} + 10)$$

$$x = \text{roundoff}(24 \frac{3}{8}) = 24$$

$$y = 24 + 10 = 34$$

$$18) 7, -14, -4, 15, -30, -20, -21, ?$$

$$(7, -14, -4), (15, -30, -20), (-21, x, y)$$

$$7*(-2)=-14, -14+10=-4$$

$$15*(-2)=-30, -30+10=-20$$

$$-21*(-2)=x \Rightarrow x=42$$

$$x+10=y \Rightarrow y=52$$

MD SOHAIL AKHTER (2 YEARS AGO)

4) $1/2 + 1/4 = 3/4$
 $1/2 * 3/4 = 3/8$
 $1/2 + 3/8 = 7/8$
 $1/2 * 7/8 = 7/16$
 $1/2 + 7/16 = 15/16$
 $1/2 * 15/16 = 15/32$

ans is (15/16, 15/32)

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

RAKESH (2 YEARS AGO)

14) 2, 1, 2, 4, 8, 2, 16, 0.5, 8, 3/4, ?
 $2 * 1 = 2$
 $2 * 4 = 8$
 $8 * 2 = 16$
 $16 * (0.5) = 8$
 $8 * (3/4) = 6$

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

IFFATH SHAHEEN (2 YEARS AGO)

have u appeared for Asosiate system engineer?

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

MD SOHAIL AKHTER (2 YEARS AGO)

2) ans is 28
 add sequentially 4 no. i.e. $(1+3+4+5)=13$
 $(13+2+3+4)=22$
 $(22+1+2+3)=28$

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

MD SOHAIL AKHTER (2 YEARS AGO)

9) (18, 6, 3), (33, 11, 8), (45, 15, 12), (72, x, y)
 $18/3 = 6$
 $6 - 3 = 3$
 $33/3 = 11$
 $11 - 3 = 8$
 similarly,
 $72/3 = 24$
 $24 - 3 = 21$

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

DEEPIKA KV (2 YEARS AGO)

4) $1/2, 1/4, 3/4, 3/8, 7/8, 7/16, ?$

$1/2 \ 1/4$
 $3/4 \ 3/8$
 $7/8 \ 7/16$

Given the Numerator is 1, 3, 7. See the difference, its multiples of 2. $1-3=2, 3-7=4$, so next is $7-1=6$so next series in numerator is 1
 Denominator is multiple of 2..i.e. $1*2=2, 2*2=4, 4*2=8, 8*2=16, 16*2=32$ and so on..... ANS is $=> 1/16, 1/32$

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

TEJA (2 YEARS AGO)

3). $1/2, (1/2)*(1/2), 3/4, (3/4)*(1/2), 7/8, (7/8)*(1/2)$
 $1/2 - 3/4 = 1/4$
 $3/4 - 7/8 = 1/8$
 $7/8 - x = 1/16$ then $x = 15/16$
 next term 15/16, 15/32 etc..

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

ANJALI (2 YEARS AGO)

2) 1, 3, 4, 5, 13, 2, 3, 4, 22, 1, 2, 3, ?
 ans: 28
 $3+4+5=12$ so $1+12=13$
 $2+3+4=9$ so $13+9=22$
 $1+2+3=6$ so $22+6=28$ (ans)

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

SHASHWATA CHAKRABORTI (1 YEAR AGO)

2,3,6,13,28, ?

the diff betwn neghbr digit are 1, 3,7,15, the pattern is $1*2+1=3$, $3*2+1=7$, $7*2+1=15$ next will be $15*2+1=31$

so 31 will be added to 28, $28+31=59$

59 will be the answer

Is this solution Helpful? [Yes \(1\)](#) | [No](#)

MD SOHAIL AKHTER (2 YEARS AGO)



2,3,10,15,26,35,50

$$3-2=1$$

$$10-3=7$$

$$15-10=5$$

$$26-15=11$$

$$35-26=9$$

$$50-35=15$$

$$x-50=13 \text{ (since there is difference of 4 alternately)}$$

$$x=63(\text{ans})$$

Is this solution Helpful? [Yes](#) | [No](#)

(#M40034698) IBM QUESTION number series

KEEP AN EYE

What is the next number of the following sequence

1) 5 6 3 7 8 3 9 10

2) 6 12 6 13 7 12 7 13 8

3) 16 21 25 28

4) 20 25 26 22 29 30 24

5) 13 17 29 14 18 28 15 19

Asked In [IBM](#)

[himabindu](#) (2 years ago)

Solved [mohan lal garg](#)

[Read Solution \(25\)](#)

Is this Puzzle helpful? (50) (10)

[Submit Your Solution](#)
Number Series

MOHAN LAL GARG (2 YEARS AGO)



1) 3 is insert after every 2 term

series 5,6,7,8,9,10

after insert 3

5,6,3,7,8,3,9,10,3,11,12.....

so ans is 3

2) series is (6 12 6)13(7 12 7)13 (8 12 8)

so next term is 12

3) difference is decrease

$$16+5=21$$

$$21+4=25$$

$$25+3=28$$

$$28+2=30$$

so next term is 30

4) break IN 3 SERIES

20,22,24,26

25,29,33,37

26,30,34,38

COMBINE ALL

20 25 26 22 29 30 24 33 34.....

ANS -33

5) 13,14,15,16,17,18...

17,18,19,20,21..

29,28,27,26...

COMBINE ALL 3 SERIES

3 17 29 14 18 28 15 19,27,16....

ANS IS 27.....

THANK YOU

Is this solution Helpful? **Yes (60)** | **No**

JANAKI (2 YEARS AGO)

2)12 8 13

3)Ans:30

16+5=21

21+4=25

25+3=28

28+2=20

4)Ans:33,34

(20,25,26)(22,29,30)(24,?,?)

20+2=22

25+4=29

26+4=30

22+2=24

29+4=33

30+4=34

5)Ans:27

(13,17,29)(14,18,28)(15,19,27)

13,14,15

17,18,19

29,28,27

Is this solution Helpful? **Yes (14)** | **No (1)**

RAMESH KUMAR (2 YEARS AGO)

1. Combine the consecutive 3 nos as following -

(5,6,3) (7,8,3) (9,10,x)

observe that 3 comes after every two nos in each group.

so, the value of x is 3.

2. Combine 2 nos in a group as -

(6,12), (6,13), (7,12), (7,13), (8,x)

Observe that , first no of each group is repeating two times .

second no of each group increments by 1 in alternate group and then it comes to its own value .

eg - case of first no of each group

6,6,7,7,8

case of second no of each group

12,13,12,13,x

so, the value of x will be 12 as 12 is increases by 1 in next group and then it comes to its own value in the coming group.

3. 16,21,25,28,x

calculate the difference between two consecutive no, you will get -

5,4,3

you are observing that the value (5,4,3) is decreasing by 1 , then the next decreased value is 2.

now add the value of 2 in 28, you will get 30.

the ans will be 30.

4. 20,25,26,22,29,30,24

Combine the three consecutive number in a group as following -

(20,25,26), (22,29,30),(24,x)

in every group the first no is incremented by 2.

in every group the second no is incremented by 4.

so, the second number of each group is

(25,29,33).

so, the answer is 33.

5. 13,17,29,14,18,28,15,19

combine every 3 consecutive no in a group as -

(13,17,29), (14,18,28), (15,19,x)

observe , 3rd no of each group is decreasing by 1 -

29-1=28

28-1=27

so, the answer is 27.

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

HIMABINDU (2 YEARS AGO)

1)3
2)12
3)31
4)33
5)27

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

GAURAV DHAR DWIVEDI (2 YEARS AGO)

1.3
2.12
3.30
4.33,34
5.27

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

DINESH KUMAR KK (2 YEARS AGO)

1.group
(5,6,3)
(7,8,3)
(9,10,x) ans:3
2.group(6,12),(6,13)
(7,12),(7,13)
(8,12),(8,13)
ans is 12
 $3.16+5=21+4=25+3=28+2=30$ ans=30
4.group
(20,25,26)
(22,29,30)
(24,x,y) 1st column inc by 2 ,2nd &3rd inc by 4 ans=33,34
5.group
(13,17,29)
(14,18,28)
(15,19,x) 1st&2nd column inc by 1,3rd dec by 1
ans=27

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

ASHWINI KUMAR SINGH (2 YEARS AGO)

1) $2*5*6+6*3=78$ so $2*3*9+9*10=144$
2)12
3)30
4)33,34
5)27 as $13+1=14,17+1=18,29-1=28$ so $14+1=15$ $18+1=19$ and $28-1=27$

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

SIDDHARTH KUMAR (2 YEARS AGO)

1)5,6,3(group of three)
7,8,3
9,10,3
2)6,12,6,13
7,12,7,13
8,12
3)16+5=21
21+4=25
25+3=28
28+2=30

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

TEJASWINI (2 YEARS AGO)

2.12
3.30
4.33
5.27

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

SRUTHI S KUMAR (1 YEAR AGO)

1)3
because 3 is repeated every times after 2 digits
2)12
3)30
because $16+5=21$
 $21+4=25$
 $25+3=28$

28+2=30
 4)33
 5)27 as actually it must be placed after 17 but it is replaced after 19

Is this solution Helpful? [Yes \(1\)](#) | [No](#)**SHAIK YAKUB (2 YEARS AGO)**

1)5 6 3 7 8 9 10 3
 2)12
 3)32
 4)27

Is this solution Helpful? [Yes](#) | [No](#)**SAILAJA (2 YEARS AGO)**

2) 6,12,6,13,7,12,7,13,8
 clearly
 (6,12)(6,13)
 (7,12)(7,13)
 (8,x) (8,x)
 every series first digit is increased by 1
 and 2nd digit is commonly entered 12, 13.
 the ans is 12, 8, 13

Is this solution Helpful? [Yes](#) | [No](#)**SRUTHI TERALA (2 YEARS AGO)**

1)3
 2)8
 3)26
 4)31
 5)27

Is this solution Helpful? [Yes](#) | [No \(1\)](#)**P KEDARNARAYANA ACHARY (2 YEARS AGO)**

1) 3
 2)12
 3)30
 4)33
 5)27

Is this solution Helpful? [Yes](#) | [No](#)**BIDURO (2 YEARS AGO)**

1) (5,6,) 3, (7,8),3,(9,10)
 3,(11,12)

Is this solution Helpful? [Yes](#) | [No](#)**AJIT KUMAR SINGH (2 YEARS AGO)**

1.Ans-(5,6)3(7,8)3(9,10) so next is 3

Is this solution Helpful? [Yes](#) | [No](#)**DHANANJAY (2 YEARS AGO)**

hhhhhhhhhhhhhhhhhhhhhhhhhhhhhh

Is this solution Helpful? [Yes](#) | [No \(3\)](#)**KUMKUM SARGAIYAN (2 YEARS AGO)**

2) 12 8 13
 3) 30
 4) 33 34
 5) 27

Is this solution Helpful? [Yes](#) | [No](#)**AMAN KUMAR (2 YEARS AGO)**

1. $(6*3-5)*6 = 78$
 $(9*10-3)*9 = 783$

Is this solution Helpful? [Yes](#) | [No](#)**BV LAKSHMI (2 YEARS AGO)**

2) 6 12 6 13
 7 12 7 13
 8 12 8 13
 so ans:12

Is this solution Helpful? [Yes](#) | [No](#)

VIDHU (2 YEARS AGO)



3) 31
 20
 $20+5=25$
 $25+1=26$
 $26-24=22$
 $22+7=29$
 $29+1=30$
 $30-6=24$
 $24+9=31$

Is this solution Helpful? [Yes](#) | [No](#)

DIVYA HAASA (2 YEARS AGO)

1) 3
 5,6,3.... 7,8,3.... 9,10,3

Is this solution Helpful? [Yes](#) | [No](#)

DIVYA HAASA (2 YEARS AGO)

5) 13,17,29,14,18,28,15,19,27,16,20

Is this solution Helpful? [Yes](#) | [No](#)

SHIVAM SALUJA (2 YEARS AGO)

1)
 2) 12
 3) 30
 4) 33
 5) 27

Is this solution Helpful? [Yes](#) | [No](#)

MOHAN (2 YEARS AGO)

13 17 29 14 18 28 15 19
 Ans:
 13 17 29
 14 18 28
 15 19 27
 Ans:27

Is this solution Helpful? [Yes](#) | [No](#)

🚩 (#M40034659) IBM QUESTION distance

KEEP AN EYE

You go North, turn right, then right again and then go to the left. In which direction are you now?

- A North
- B South
- C East
- D West
- E None of these

Asked In [IBM](#)

[saran](#) (2 years ago)


Solved [Divya Sudha](#)

[Read Solution](#) (26)

Is this Puzzle helpful? (23) (2)

[Submit Your Solution](#)
 Geometry

🚩 (#M40034654) IBM QUESTION

KEEP AN EYE 



Solve this question

A man bought some mangoes at Rs12 per dozen and bought the same number of at Rs 10 per kg. He sold these mangoes at Rs 13 per dozen and gained Rs 160. The total number of mangos bought by him are

Option

- A. 60 dozens
- B. 70 dozens
- C. 80 dozens
- D. 90 dozens

Asked In IBM

 Aashu (2 years ago)Solved  praneeth reddy Read Solution (11)Is this Puzzle helpful? (15) (7) Submit Your Solution
Profit and Loss

MOHIT GUPTA (2 YEARS AGO)

let total no of mangoes is $2x$..
 then we profit = sp - cp
 $160 = 13 * 2x - (12x + 10x)$
 $160 = 4x$
 $x = 40$
 hence $2x = 80$
 so total no are 80 dozens

Is this solution Helpful? **Yes (32)** | **No (5)**

PRANEETH REDDY (2 YEARS AGO)

80 dozens
 by option verification divide 80 dz in to 40 40
 first 40 is sold for rs12 so $40 * 12 = 480$
 second 40 dozens is sold for rs 10 per kg = $40 * 10 = 400$
 $480 + 400 = 880$
 80 dozens sold for rs13 by men so $80 * 13 = 1040$
 so now subtract $1040 - 880 = 160$
 so profit is 160

Is this solution Helpful? **Yes (19)** | **No**

DHARANI CHERUKUMALLI (2 YEARS AGO)

$(12 * 12 = 144, 10 * 12 = 120, 144 + 120 = 264)$ therefore here each dozen = $264 / 24 = 11$
 new price 13 therefore $13 - 11 = 2$ rs
 1 dozen =====> 2rs
 ? =====> 160rs
 therefore no of mangos for 160 ra gain is $(160 / 2) * 1 = 80$ dozens

Is this solution Helpful? **Yes (8)** | **No**

DIVYA SIDDULA (2 YEARS AGO)

$40(12) + 40(10) = 880$
 $80(13) = 1040$
 since here the gain is 160
 the answer should be "c" i.e 80 dozens

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

NAGMANI (1 YEAR AGO)

avg of both 11
 then $13 - 11 = 2$
 total mangoes is $160 / 2 = 80$

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

SAMBIT KUMAR GHOSH (2 YEARS AGO)



Guys in the question there should be 'same number of at 10rs per kg'.....then it will be 80 dozens...okay !!!

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

VINIT KUMAR CHATURVEDI (2 YEARS AGO)

it should be dozen not kg

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

JANAKI (2 YEARS AGO)

Answer is 80 dozens

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

MANAB (2 YEARS AGO)

it should not be in kg...qstn is partially wrong...

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

MAHALAKSHMI CHUKKA (2 YEARS AGO)

fvjfhdsd


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

TAHAR (4 MONTHS AGO)

How Many mangos in 1 kilo? Otherwise the question is wrong!

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

🔑 (#M40034607) IBM QUESTION

KEEP AN EYE 


What is the next number of the following sequence.

8, 8, 6, 2,.... ?

Asked In **IBM**

Solved by **Ann Theresa**

Is this Puzzle helpful? (8) (6)

 **Aashu** (2 years ago)

 [Read Solution \(6\)](#)

 [Submit Your Solution](#)
Number System

ANN THERESSA (2 YEARS AGO)



-4

$$8-(2*0) = 8$$

$$8-(2*1) = 6$$

$$6-(2*2) = 2$$

$$2-(2*3) = -4$$

Is this solution Helpful? **Yes (38)** | **No (5)**

ASHWINI KUMAR SINGH (2 YEARS AGO)

$$8-0=8$$

$$8-2=6$$

$$6-4=2$$

$$2-6=-4$$

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

NEHA GANGWAL (2 YEARS AGO)

-4

$$8-8=0$$

$$8-2=6$$

$$6-4=2$$

$$2-6=-4$$

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

SWETHA.GUNDA (2 YEARS AGO)

i think itz +4 bcz once observe the alternate sequence 8-2,6-2.....

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

PRADIP VADARALE (2 YEARS AGO)

now

$$8-0=8$$

$$8-2=6$$

$$6-4=2$$

$2-6=-4$
so answer is -4

Is this solution Helpful? [Yes \(2\)](#) | [No](#)

KANKANA GHOSH (2 YEARS AGO)

in this case the ans is +4 i.e if we observe the alternate series then the next term comes as +4, $8-2=6$
 $6-2=4$

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