Quant (Remedy Session)

Ratio

$A:B = 1:2$

$B:C = 1:4$

$C:D = 2:1$

$A:B:C:D = (1.1.2):(2.1.2):(2.4.2):(2.4.1)$

$= 1:2:8:4$

$P:Q = 4:1$

$Q:R = 2:3$

$R:S = 1:2$

$P:Q:R:S \Rightarrow (4\times2\times1):(1\times2\times1):(1\times3\times1):(1\times3\times2)$

$\Rightarrow 8:2:3:6$

9062395723

Last digit finding

Last digit formula

$(62)^{43}$

2^{43} → (Last digit) Remainder

$\frac{43}{4}$ → 3 Remainder

$\rightarrow 2^3 = 8$

$2^1 = 2$ ✓
$2^2 = 4$ ✓
$2^3 = 8$ ✓
$2^4 = 16$
$2^5 = 32$ ✓
64 ✓
128 ✓
256 ✓
512 ✓
1024 ✓

$(79)^{13} \rightarrow 9^{13} \rightarrow 9^1 \rightarrow 9$

$\frac{13}{4}$ → 1 Remainder

$(37)^{451} \rightarrow 7^{451} \rightarrow$

$\frac{451}{4}$ → 3 Remainder

$7^{451} \rightarrow 7^{51} \rightarrow 7^3 \rightarrow 343$

$\frac{9754}{4} = \frac{7941}{4} = \frac{541}{4}$

$\frac{57}{4}$ → 1 Remainder

$7^{451} \rightarrow 7^{51} \rightarrow 7^3 \rightarrow 343$ → 3

Last digit → 3

$49 \times 7 = 343$

Q

A → B → C → D → E → F

2 times 2 times Double

100 → 200 → 400 → 800 → 1600 → 3200

A B C D E F

Times → 32 times extra

$\frac{3200 - 100}{100} \rightarrow \frac{3100}{100} \times 100$

→ 31 × 100

→ 3100% extra

How many times → 32

How much % → 3100%

Profit

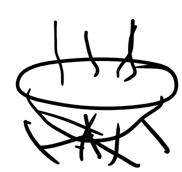
Roll clw

50 Rolls → 500 → 2500

$\frac{2500 - 500}{500} \times 100$

$\rightarrow \frac{2000}{500} \times 100 \rightarrow 400\%$

Real life Biriyani Problem



Abstikhla Sentojen → Lisa

1 AM → 200

50 → 2000

2.30 AM

30 → 200

2:30 AM

3 → 7

CP → 40
SP → 200

$\frac{200-40}{40} \times 100 \rightarrow \frac{160}{40} \times 100$

→ 400%

3 → CP → 120
3 → SP → 1400

3 Profit → $\frac{1400-120}{120} \times 100$

→ $\frac{1280}{120} \times 100$

3 | 3200 | 1066.6

→ $\frac{3200}{3} \rightarrow 1066.6\%$

Expected Profit → 1066.6%

3 → 160 × 3 = 480
3 → 160 × 7 → 1120

640 extra

Profit → CP

Discount → SP

300 → 2M + R
1M + R

MP

SP


Tandoor Park

Staples From The Indian Kitchen

Special Mutton Biryani (2 pcs. Mutton & an Egg)	300.00
Special Chicken Biryani (2 pcs. Chicken & an Egg)	280.00
Mutton Biryani	230.00
Chicken Biryani	215.00
Sahi Pulao	180.00
Jeera Rice / Peas / Veg. Pulao	170.00
Steamed Rice	120.00
Keema Naan	80.00
Kabuli Naan	70.00
Masala Kulcha	60.00
Tandoori Lachha Paratha	50.00

dineout

300 → 2 M ...

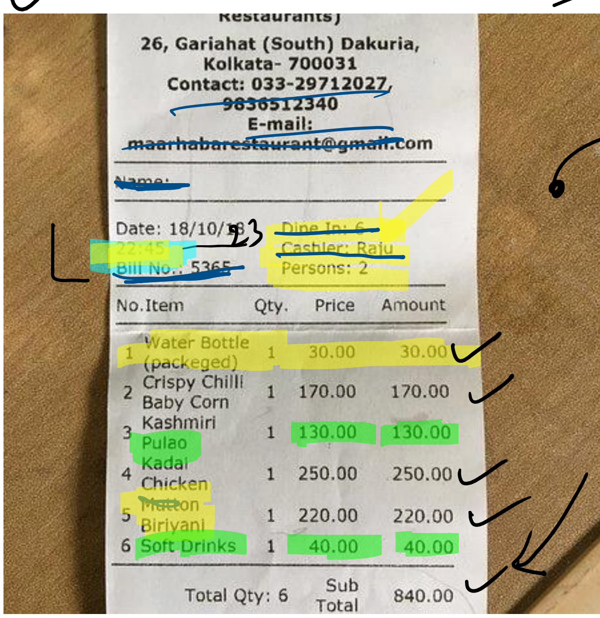
230 → 1 M' TR

MP = SP and amount

300 + 5% GST

315 → SP

Exclusive


Restaurants)
26, Gariahat (South) Dakuria,
Kolkata- 700031
Contact: 033-29712027, 9836512340
E-mail: maarhabarestaurant@gmail.com

Name:

Date: 18/10/23 22:45 Dine In: 6
Bill No.: 5365 Cashier: Raju
Persons: 2

No.	Item	Qty.	Price	Amount
1	Water Bottle (packeged)	1	30.00	30.00
2	Crispy Chilli Baby Corn	1	170.00	170.00
3	Kashmiri Pulao	1	130.00	130.00
4	Kadai Chicken	1	250.00	250.00
5	Mutton Biryani	1	220.00	220.00
6	Soft Drinks	1	40.00	40.00

Total Qty: 6 Sub Total 840.00

670

$3x = 670$

$x = \frac{670}{3} \to 223.3$

MP → 840 = SP

200% → 3 times

CP → x

SP → 3x = 840

$x = \frac{840}{3}$

280

840 − 280 = 560

670 − 224


6.70 - 223.3
496.7
6.70 - 224
496.7