SBI CLERK & PO | IBPS PO | NIACL AO | LIC AAO 2022

MATHS

05

- SIMPLIFICATION
- APPROXIMATION
- NUMBER SERIES
- QUADRATIC EQUATION
- PIE CHART DI

तैयारी TOPPERS वाली

LIVE I 11:30 AM

By Shubham Mahendras

UPCOMING ONLINE BATCHES

September 2022

07 SEP 2022

01:00 PM to 03:00 PM
BANK ONLINE LIVE CLASS

10:30 AM to 12:30 PM
SSC ONLINE LIVE CLASS

BILINGUAL

14 SEP 2022

08:00 AM to 10:00 AM
BANK ONLINE LIVE CLASS

05:30 PM to 07:30 PM
SSC ONLINE LIVE CLASS

BILINGUAL

14 SEP 2022

11:30 AM to 01:30 PM
BANK ONLINE LIVE CLASS

BENGALI+ENGLISH

21 SEP 2022

10:30 AM to 12:30 PM
BANK ONLINE LIVE CLASS

03:00 PM to 05:00 PM
SSC ONLINE LIVE CLASS

BILINGUAL

28 SEP 2022

07:30 PM to 09:30 PM
BANK ONLINE LIVE CLASS

08:00 AM to 10:00 AM
SSC ONLINE LIVE CLASS

BILINGUAL

28 SEP 2022

04:00 PM to 06:00 PM
BANK ONLINE LIVE CLASS

BENGALI+ENGLISH

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Simran Chauhan 1 hour ago
Homework answer is 132..
Sir kaafi tym lg gya solve hone m.. but definitely aapke ps iski koi trick hogu jldi solve krne ki.. ..
Thank you so much sir for this amazing session 😁 😁

Rimpa Das 6 hours ago
132...

Tanisha p 5 hours ago
Awesome session sir 😊
Thanku sir 🙏
Home work --132

PUJA KUNDU ------ 5 hours ago
The answer is —132 logic.... 4^3-4^2....thank you sir for the superb session 👌 🙏

Ku Anita Rav 5 hours ago
Home work Ans-
132

Deepali Yadav 10 hours ago
Home work ans is... 132 ....

priya verma 2 hours ago
Ans 132

Hrithik _____ 6 hours ago
132

Jyoti 5 hours ago
132 is correct answer

Bipul vishwakarma 5 hours ago
Home work 132 ans hoga sir logic 4^3-4^2
Sir aapke class live me join nhi kr paa rhe h
Tym nikal kar kvi v dekh lete h thank you sir 👍

Atigya Garg 8 hours ago
Sir maja aajata hai .....
Homework ans is 132 ...
Thank you sir ji ✨ 🥰

Sakshi Juneja 5 hours ago
harr session energetic rehta h sir ji apka 🤩

Mahek Tandon 6 hours ago
Bhut jabardast session thaa sirji😊 😊
REPLY

Nitu Maurya 14 hours ago
132 with logic 4^3-4^2

Arpita Chakraborty 12 hours ago
I can't solve it Sir.. Sorry 😔..kab se try kar raha hun..nehi kar paya..aap bata denge na Sir ekbar..🙏🙏

Mera hindi thora weak hai Sir,aagar Maine kuch galat bol diya to Forgive me 🙏🙏😔....

I have learnt so many tricks to solve out problems..You are too good and your session also.. When I discover any scope for my study, at first I open only your video..I was very weak in mathematics before I join you..Thank you so much Sir 🙏🙏

Niharika Jha 5 hours ago
Thank you for the session sir 🔥
Superb 👍
Homework answer: 132

Surbhi Sinha 5 hours ago
132 logic dhamakee dar session sir 👍👍

Jyoti 5 hours ago
Zabardast class thi sir ji 🙏👌👌👌✌✌✌

137, 95, ?, 45, 33, 27

A.70
B.60
C.65
D.53
E.NOT

3, 26, 15, 124, 35, ?

A.243
B.543
C.137
D.342
E.NOT

11, 24, 44, 70, 101, ?

A.136
B.102
C.80
D.102
E.163

18, 24, 29, 34, 40, ?

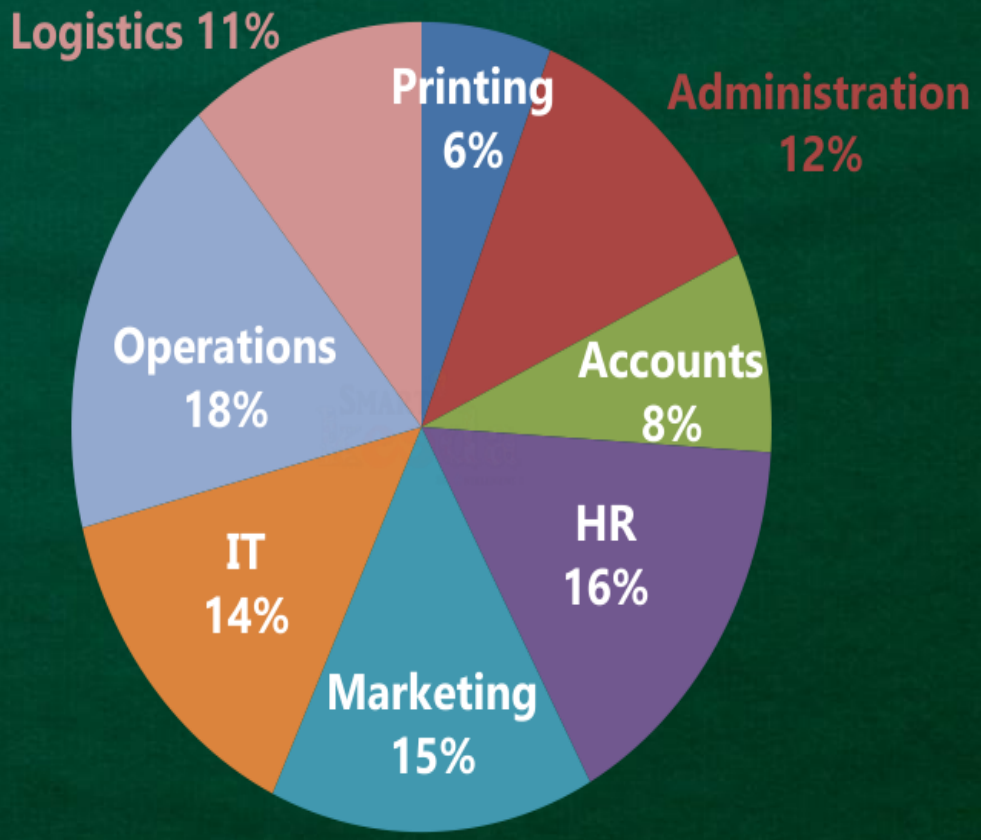
A.47
B.48
C.54
D.56
E.NOT

5, 12, 33, 136, 675, ?

A.5569
B.4426
C.5046
D.4065
E.4056

Directions: Study the following graph carefully to answer the given questions-

Total Number of Employees = 2500

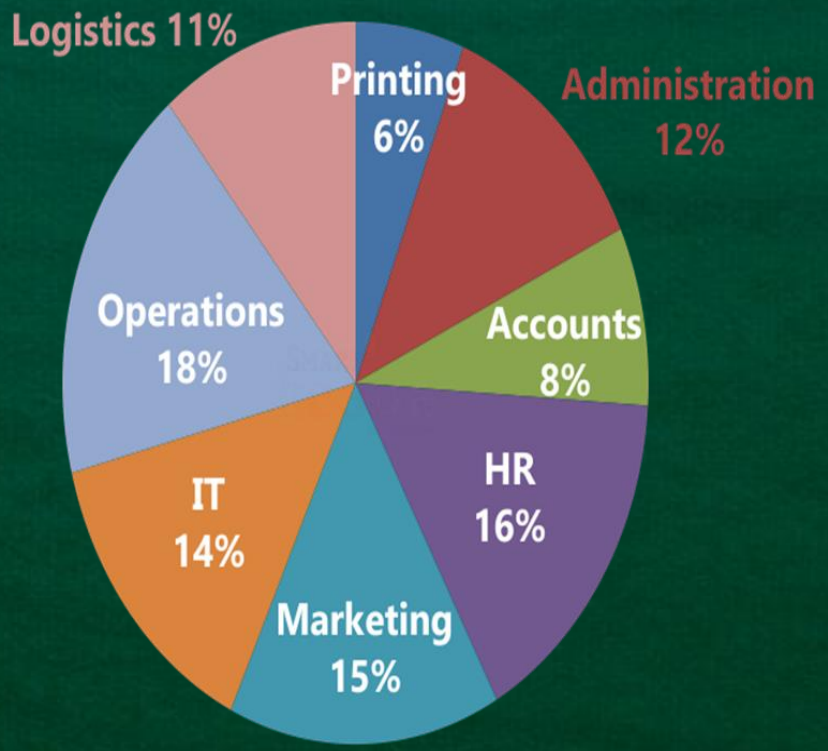


Department	M : F
Administration	7 : 5
Accounts	2 : 3
HR	5 : 3
Marketing	7 : 8
IT	3 : 4
Operations	5 : 4
Logistics	6 : 5
Printing	2 : 1

What is the ratio between male employees in Administration and Printing Departments respectively?

प्रशासन और मुद्रण विभागों में पुरुष कर्मचारियों के बीच क्रमशः अनुपात क्या है?

Total Number of Employees = 2500



Department	M : F
Administration	7 : 5
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HR	5 : 3
Marketing	7 : 8
IT	3 : 4
Operations	5 : 4
Logistics	6 : 5
Printing	2 : 1

A.7 : 4

B.4 : 7

C.3 : 4

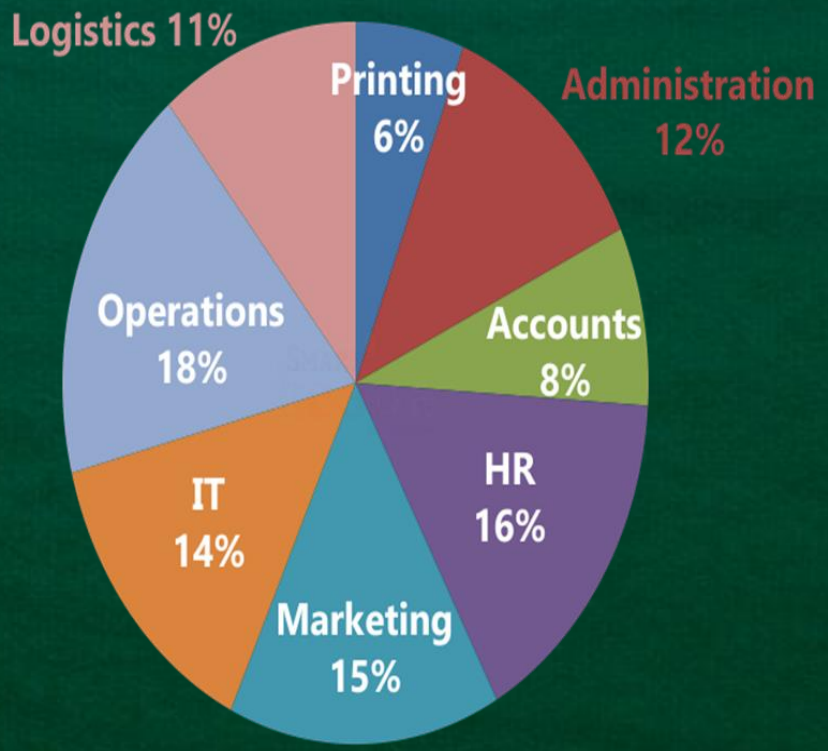
D.7 : 3

E.NOT

What is the difference between total number of employees in IT and Operations Departments?

आईटी और संचालन विभागों में कर्मचारियों की कुल संख्या के बीच का अंतर क्या है?

Total Number of Employees = 2500



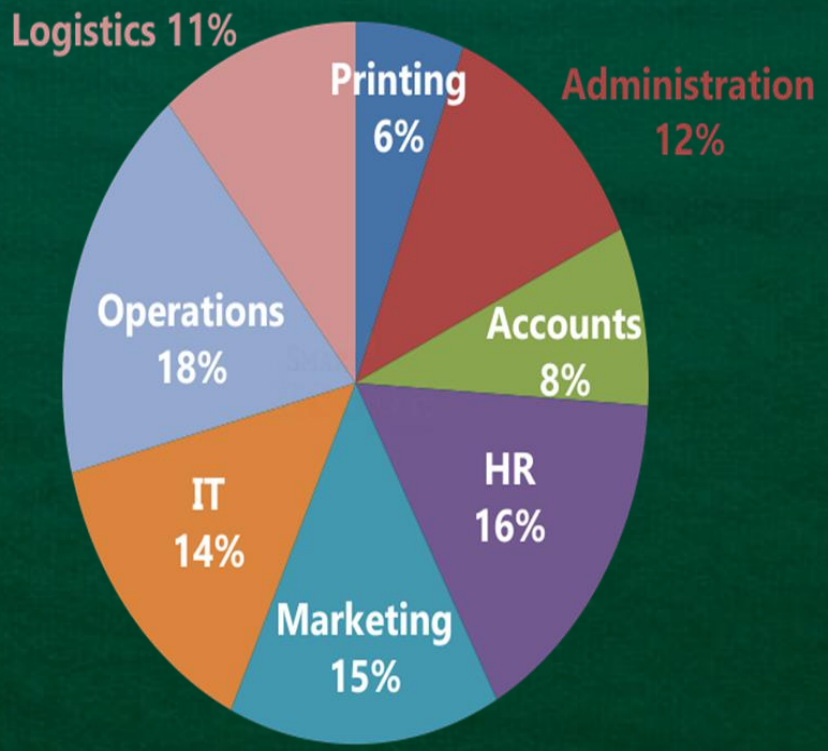
Department	M : F
Administration	7 : 5
Accounts	2 : 3
HR	5 : 3
Marketing	7 : 8
IT	3 : 4
Operations	5 : 4
Logistics	6 : 5
Printing	2 : 1

A.75
B.150
C.100
D.50
E.NOT

What is the ratio between total number of males in HR and Marketing and the total number of females in these two departments respectively?

मानव संसाधन और विपणन में पुरुषों की कुल संख्या और इन दोनों विभागों में महिलाओं की कुल संख्या के बीच क्रमशः अ[illegible]ा है?

Total Number of Employees = 2500



Department	M : F
Administration	7 : 5
Accounts	2 : 3
HR	5 : 3
Marketing	7 : 8
IT	3 : 4
Operations	5 : 4
Logistics	6 : 5
Printing	2 : 1

A.13 : 15

B.15 : 13

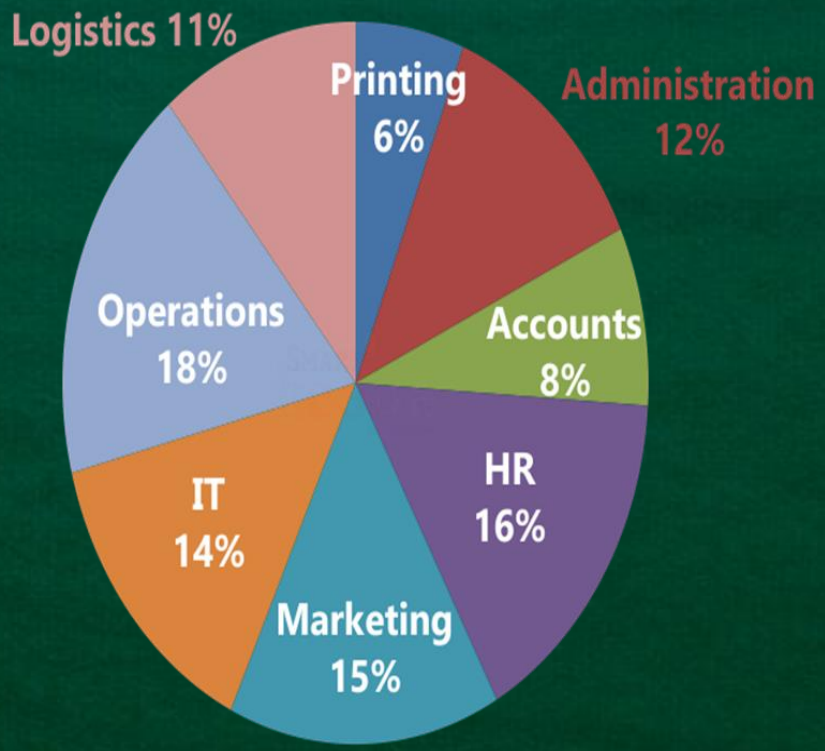
C.13 : 17

D.17 : 14

E.NOT

How many female employees are there in Accounts Department?
लेखा विभाग में कितनी महिला कर्मचारी हैं?

Total Number of Employees = 2500

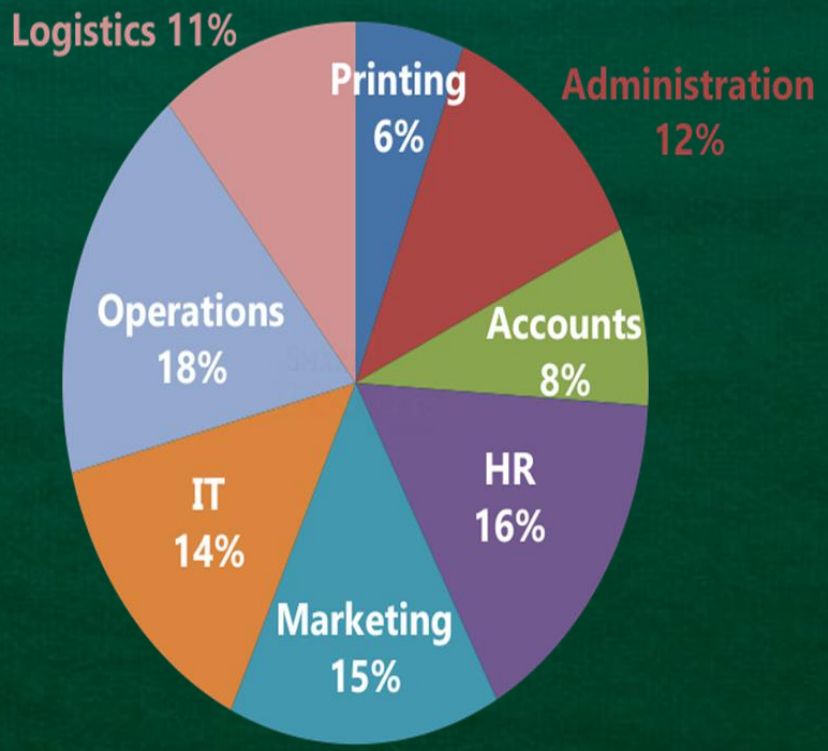


Department	M : F
Administration	7 : 5
Accounts	2 : 3
HR	5 : 3
Marketing	7 : 8
IT	3 : 4
Operations	5 : 4
Logistics	6 : 5
Printing	2 : 1

A.250
B.120
C.125
D.150
E.NOT

What is the difference between the male and female employees in Logistics Departments?
रसद विभागों में पुरुष और महिला कर्मचारियों के बीच अंतर क्या है?

Total Number of Employees = 2500



Department	M : F
Administration	7 : 5
Accounts	2 : 3
HR	5 : 3
Marketing	7 : 8
IT	3 : 4
Operations	5 : 4
Logistics	6 : 5
Printing	2 : 1

A.50
B.25
C.75
D.100
E.NOT

$143x^2 + 43x - 66 = 0$

$56y^2 + 15y - 56 = 0$

A. $X > Y$

B. $X < Y$

C. $X \geq Y$

D. $X \leq Y$

E. $X = Y$

or CND

$15x2 - 46x + 35 = 0$

$55y2 - 53y + 12 = 0$

1. X > Y
2. X < Y
3. X ≥ Y
4. X ≤ Y
5. X = Y

or CND

$117x^2 + 128x + 35 = 0$

$39y^2 - 31y - 28 = 0$

A. $X > Y$
B. $X < Y$
C. $X \geq Y$
D. $X \leq Y$
E. $X = Y$
or CND

$20x^2 - 108x + 144 = 0$

$8y^2 + 18y + 4 = 0$

A. X > Y
B. X < Y
C. X ≥ Y
D. X ≤ Y
E. X = Y
or CND

$20x^2 + 89x + 99 = 0$

$16y^2 - 25 = 0$

A. X > Y
B.X <Y
C.X ≥ Y
D.X ≤ Y
E.X = Y
or CND

Find the value of ?

$$486 \div 3^3 + \sqrt[3]{2197} - 6 \times 5 = ?$$

A.1
B.4
C.9
D.3
E.7

Find the value of ?

$$(\sqrt{225} \times 24) \div 45 + \sqrt{625} = ?$$

A.31
B.38
C.35
D.33
E.41

Find the value of ?

$$5^3 + 25 \times 8 = ? + 12 \times 5$$

A.265
B.225
C.245
D.255
E.235

Find the value of ?

$$(33)^2 - (35)^2 + (17)^2 = ?$$

A.121
B.138
C.153
D.165
E.NOT

Find the value of ?

$$336 \div 24 \times \sqrt[3]{343} + (7)^2 = ?$$

A.151

B.157

C.161

D.167

E.147

Find the approximate value of ?

$$(95.01^2 - 68.02^2) \div 26.99 \times \sqrt{?} = 7987$$

A.1600
B.2025
C.1225
D.2401
E.2805

Find the approximate value of ?

$$(5400 + \sqrt{?} \times 35.99) \div 45.04 = 140$$

A.25
B.324
C.625
D.144
E.256

Find the approximate value of ?

$$?^2 + 114.09 - 24.06 \times 5.14 = 163.19$$

A.7
B.13
C.11
D.15
E.19

Find the approximate value of ?

$$1242.45 + 2583.66 \div 16.87 = ? - 712.693$$

A.2214
B.2107
C.2323
D.2455
E.2517

Find the approximate value of ?

$$32.019 \times 16.969 + 26.032 - ?\% \text{ of } 1800 = 240$$

A.32

B.68

C.54

D.76

E.NOT