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MATHS

- CASELET DI
- APPROXIMATION
- NUMBER SERIES
- QUADRATIC EQUATION

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

www.mahendras.org 7052477777/7052577777

Surbhi Sinha 3 hours ago
Option Eee Not ,,,, right answer is 12.50 ,, thank you sir 👍👍 bahut increase ho rha h speed or doubt clear ho rha h ,,,
Shubham sir Rocks 🍿 🌼

Shefali Thakur 11 hours ago
Answer:
12.5
E) NOT

Sneha Dey 10 hours ago
Hw ans none of these.. Thank you sir.. 🙏
Si&ci ka ek session layiye sir.. Aur speed v inc. Ho raha h sir thank you so much..

Sanika Kokane 7 hours ago
Option = E
Bcoz ans is 12.5 aa raha hain...

Mimansha 26 minutes ago
Ans - opt e (not)

Simran Chauhan 11 hours ago
Homework answer is- option E - NOT 12.5
Thank you sir for this amazing session 💫 💫

Prachi Singh 9 hours ago
1.75+6.75+4=x
X=12.5 so the answer is none of these sir

Muskan Rai 11 hours ago
answer - e (not)
thank u sir for wonderfull session
sir please explain caslet dI full

Niharika Jha 10 hours ago
Thank you for the session sir ✨ ✨
Homework answer ::
option E NOT
12.5 correct answer

Atigya Garg 11 hours ago
Ans : option E (NOT)
THANK YOU SIR JI 😀 ✨

#Hrithik _____ 2 hours ago
CND

Nitika Gupta 10 hours ago
Homework
Cnd

cpy vlogs 6 hours ago
E

Nitu Maurya 11 hours ago
ANS...NOT
RIGHT ANS 12.50
AWESOME SESSION SIR
THANKU SO MUCH.

RADHEY 🙏 10 hours ago
HW ans EEEE 12.5
THNK U SR 🙏🙏
NYC SEASON 🙏🙏SR

Rajat Sahu 31 minutes ago
Homework ans - NOT

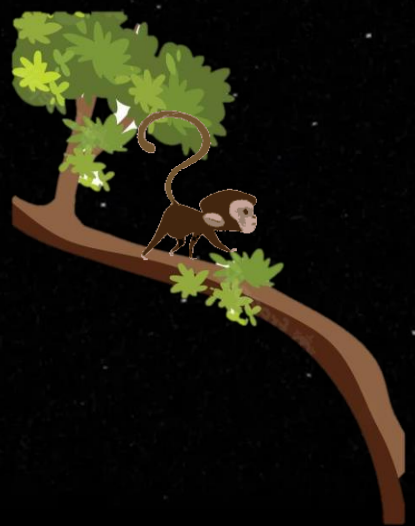
Priya Bharati 10 hours ago
H. W answer- option (E) - NOT
Right Answer is 12.50

Aniket Kaithwas 11 hours ago
12.50

Neha Singh 11 hours ago
Homework ans CND

Rakesh Prasad 10 hours ago
Thank you sir... Opt... E

$$77.003 \times 13.998 + 18.04 \times 14.996 = ?$$

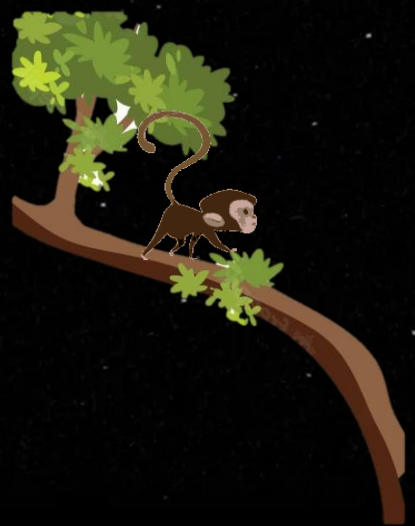


A.1380
B.1355
C.1212
D.1419
E.2154

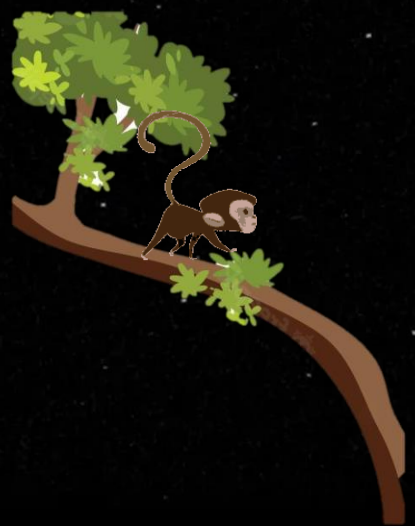
$3x^2 - 39x + 120 = 0$

$y^2 - 23y + 112 = 0$

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



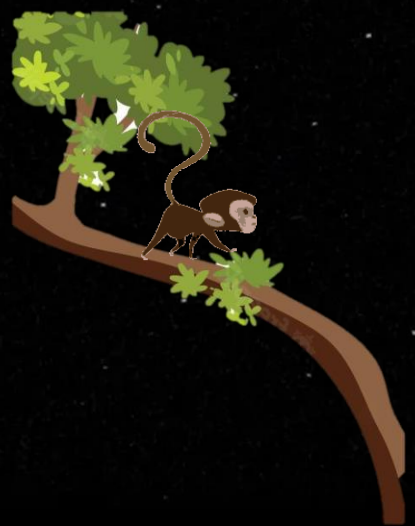
$$\frac{340}{20.002} \div \frac{29.997}{510} \times \frac{179.909}{59.919} = ?$$



A.396
B.570
C.288
D.455
E.875

71, 79, ?, 134, 109, 325

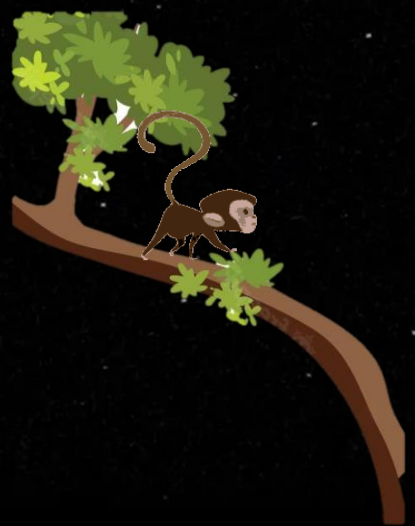
A.72
B.84
C.80
D.70
E.NOT



$$50x^2 - 60x + 16 = 0$$

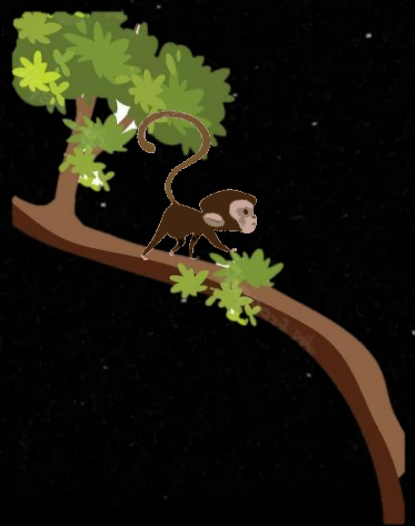
$$20y^2 - 32y + 12 = 0$$

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



$$(7.02)^2 \times (196)^{1/2} \times (31.98)^2 \div \{(7.01)^3 \times (16.02)^2\} = ?$$

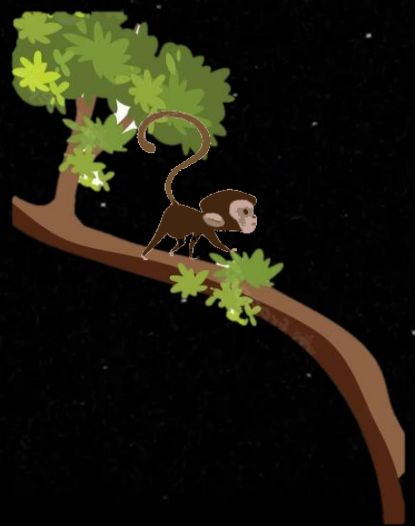
A.5
B.7
C.8
D.10
E.12



$$30x^2 - 44x + 16 = 0$$

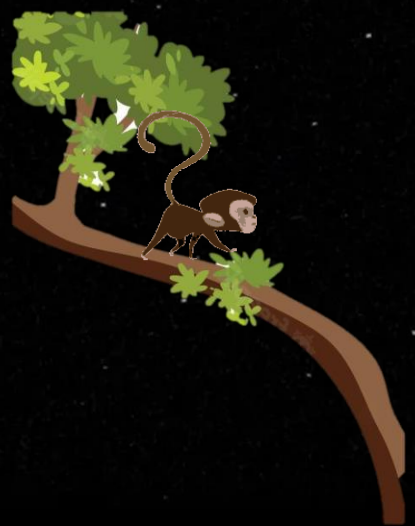
$$24y^2 - 4y - 4 = 0$$

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



$$\sqrt{2498.98} \times \sqrt{623.991} \div \sqrt{98.91} \div \sqrt{26.01} = ?$$

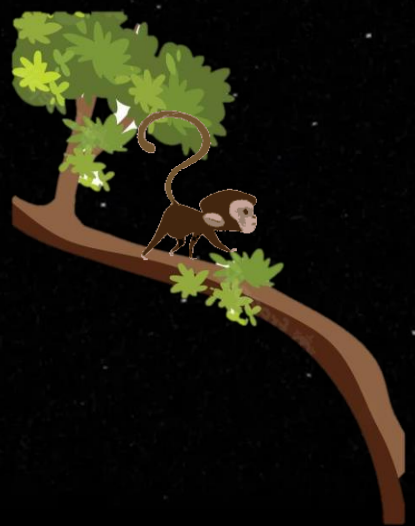
A.6
B.8
C.25
D.10
E.15



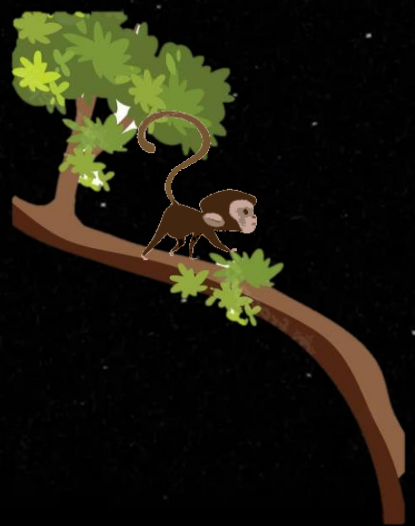
$16x^2 + 20x + 6 = 0$

$10y^2 + 38y + 24 = 0$

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

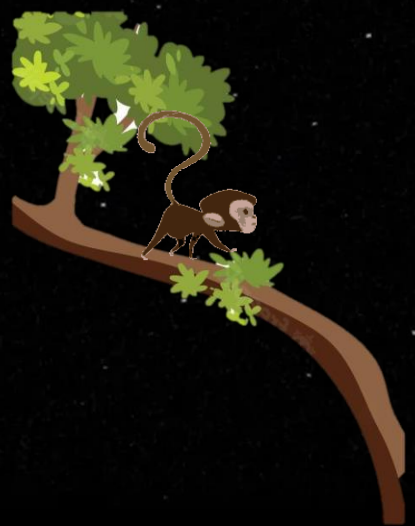


$$19.98\ \% \times \sqrt{99.89} + \sqrt[4]{1295.87} \times \sqrt[4]{81.15} = ?$$



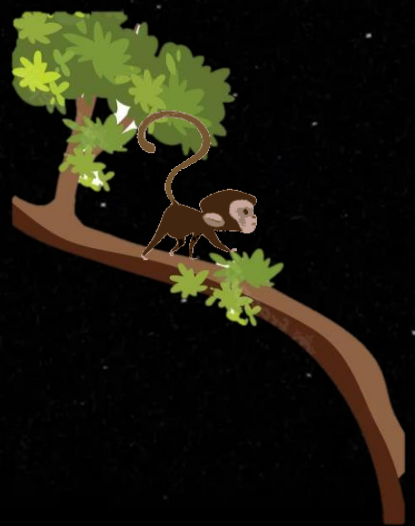
A.12
B.14
C.20
D.24
E.27

960, 240, ?, 225, 393.75



A.175
B.180
C.195
D.196
E.200

$$(20.015 \times 12.025 + 4.984 \times 8.021 \div 3.987) \div 24.955 = ?$$

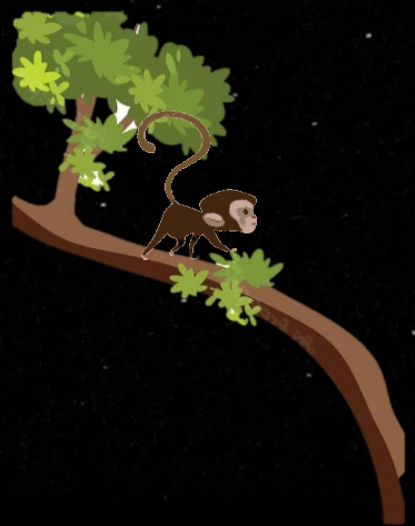


A.2
B.4
C.7
D.10
E.16

$$18x^2 + 18x + 4 = 0$$

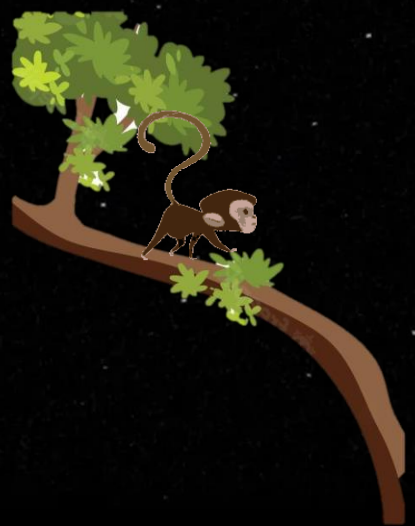
$$12y^2 + 29y + 14 = 0$$

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

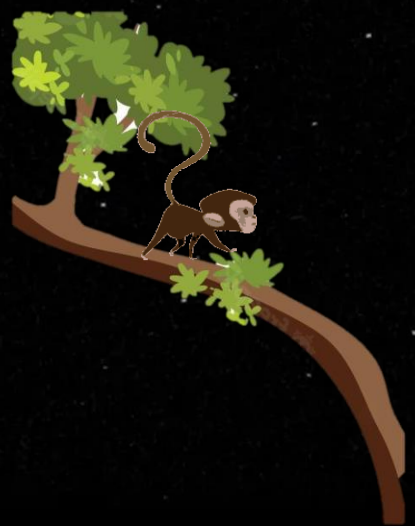


$$52000.201 \div 59.999 \times 30.3164 = ? \times 13.2303$$

A.2000
B.4000
C.6000
D.9000
E.12000

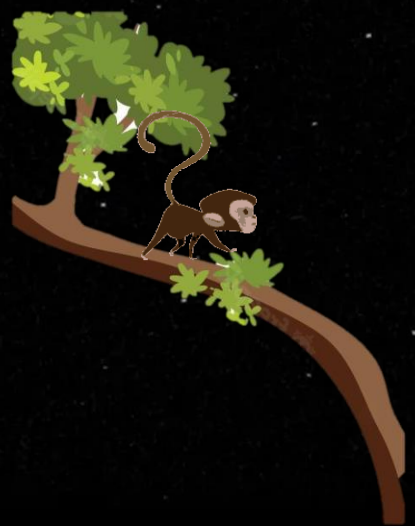


120, ?, 40, 30, 24, 20



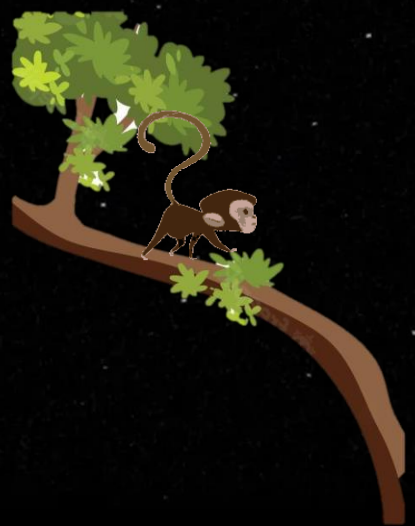
A.120
B.75
C.60
D.45
E.90

9.09 % of 1334 + 14.30 % of 2100 = ?



A.310
B.420
C.490
D.512
E.560

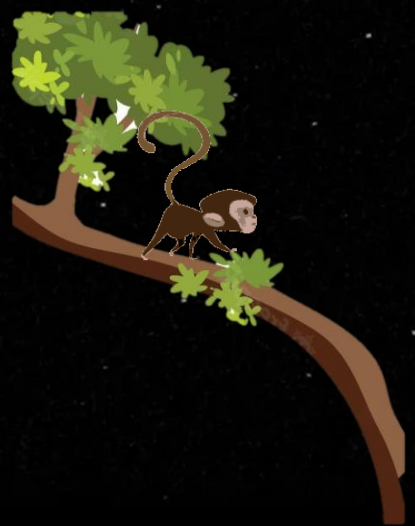
23.6, 147.6, ?, 2976, 8931



A.733
B.743
C.622
D.535
E.262

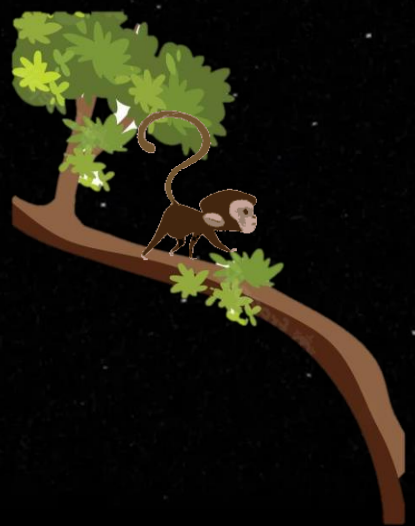
$$(34.9)^2 \div 7 + \sqrt{?} = 217.02$$

A.1200
B.1400
C.1750
D.2000
E.2220



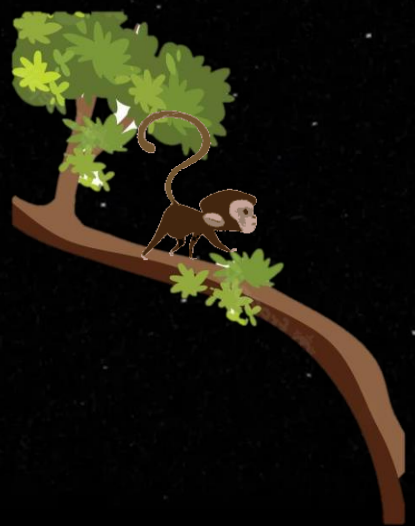
1125, 5626, 1405.5, ?, 2107.75

A.4242.5
B.4232.25
C.2737.5
D.4217.5
E.3127.25



$$15.003^2 + 23.98^2 - 5.98^2 - ? = 1282.998 - 978.898$$

A.460
B.570
C.340
D.820
E.270



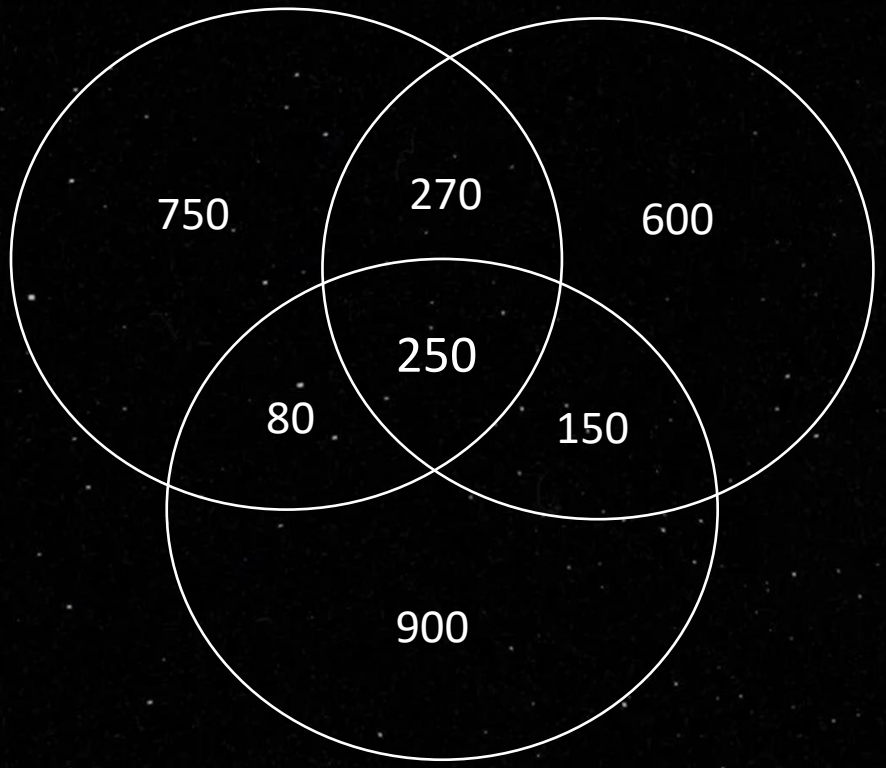
In a survey 3000 persons in a city, it was found that each person is playing from at least one of the three games i.e. cricket, football and hockey. Number of person who are playing cricket only are 25 % more than the number of person who playing football only. Number of person who are playing hockey only are 120% of the number of person who are playing cricket only cricket. Number of person who are playing all the sports are 1/3rd of the number of person who are playing cricket only. Number of person who are playing both cricket and football (but not hockey) are 20 more than the number of person who are playing all three sports and 190 more than the number of person who are playing both cricket and hockey (but not football). 400 people are playing both football and hockey.

एक शहर में 3000 व्यक्तियों के एक सर्वेक्षण में यह पाया गया कि प्रत्येक व्यक्ति तीन खेलों में से कम से कम एक खेल यानी क्रिकेट, फुटबॉल और हॉकी खेल रहा है। केवल क्रिकेट खेलने वाले व्यक्तियों की संख्या केवल फुटबॉल खेलने वाले व्यक्तियों की संख्या से 25% अधिक है। केवल हॉकी खेलने वाले व्यक्तियों की संख्या केवल क्रिकेट खेलने वाले व्यक्तियों की संख्या का 120% है। सभी खेल खेलने वाले व्यक्तियों की संख्या केवल क्रिकेट खेलने वाले व्यक्तियों की संख्या का 1/3 है। क्रिकेट और फुटबॉल दोनों खेल रहे (लेकिन हॉकी नहीं) व्यक्तियों की संख्या, तीनों खेल खेलने वाले व्यक्तियों की संख्या से 20 अधिक है और क्रिकेट और हॉकी दोनों खेल रहे (लेकिन फुटबॉल नहीं) दोनों खेल रहे व्यक्तियों की संख्या से 190 अधिक है। 400 लोग फुटबॉल और हॉकी दोनों खेल रहे हैं।

In a survey 3000 persons in a city, it was found that each person is playing from at least one of the three games i.e. cricket, football and hockey. Number of person who are playing cricket only are 25 % more than the number of person who playing football only. Number of person who are playing hockey only are 120% of the number of person who are playing cricket only cricket. Number of person who are playing all the sports are $1/3^{rd}$ of the number of person who are playing cricket only. Number of person who are playing both cricket and football (but not hockey) are 20 more than the number of person who are playing all three sports and 190 more than the number of person who are playing both cricket and hockey (but not football). 400 people are playing both football and hockey.

Find the difference between who are playing only hockey to the number of people who are playing only cricket ?

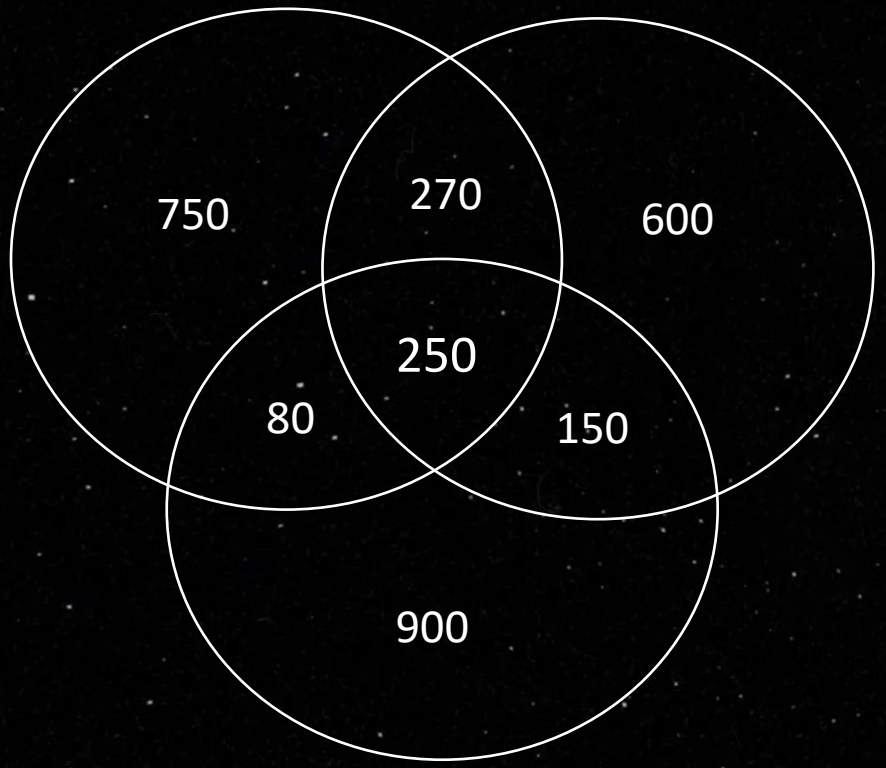
केवल हॉकी खेलने वाले व्यक्तियों की संख्या और केवल क्रिकेट खेलने वाले व्यक्तियों की संख्या के बीच का अंतर ज्ञात कीजिये?



A.30
B.40
C.90
D.60
E.NOT

Find the ratio between the number of people who are playing cricket and hockey to the number of person who are playing hockey and football ?

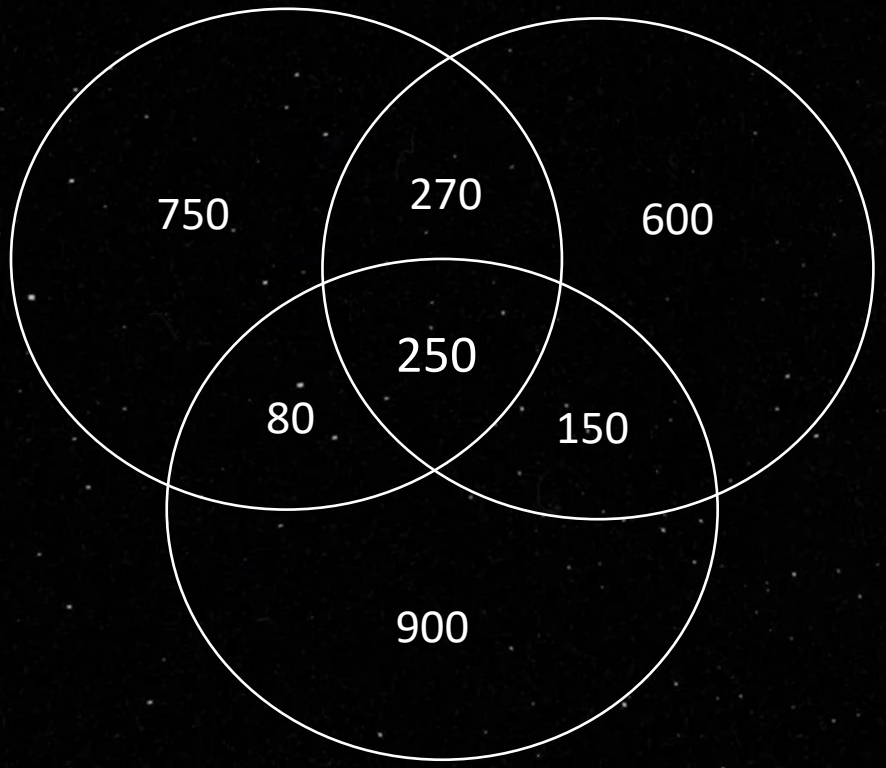
क्रिकेट और हॉकी खेलने वाले व्यक्तियों की संख्या और हॉकी और फुटबॉल खेलने वाले व्यक्तियों की संख्या के बीच का अनुपात ज्ञात कीजिये?



1. 12:5
2. 13:10
3. 7:27
4. 2:11
5. NOT

Find the sum of people who are playing only cricket and only football ?

केवल क्रिकेट और केवल फुटबॉल खेलने वाले व्यक्तियों का योग ज्ञात कीजिये?



A.1350

B.1270

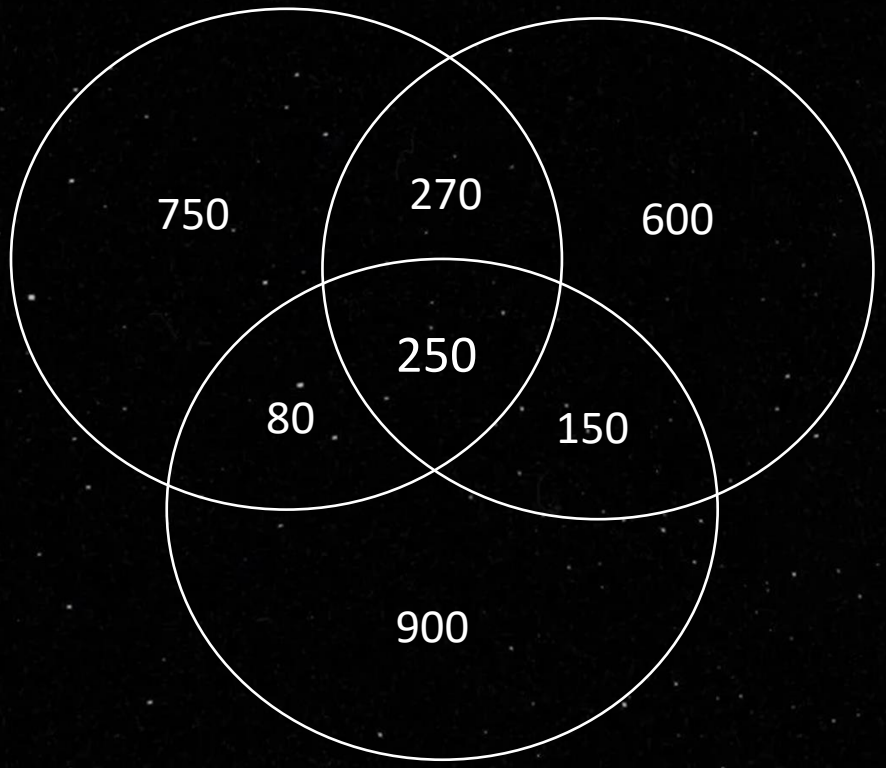
C.1330

D.1400

E.NOT

Find the difference between the number of people who are playing only cricket and only hockey ?

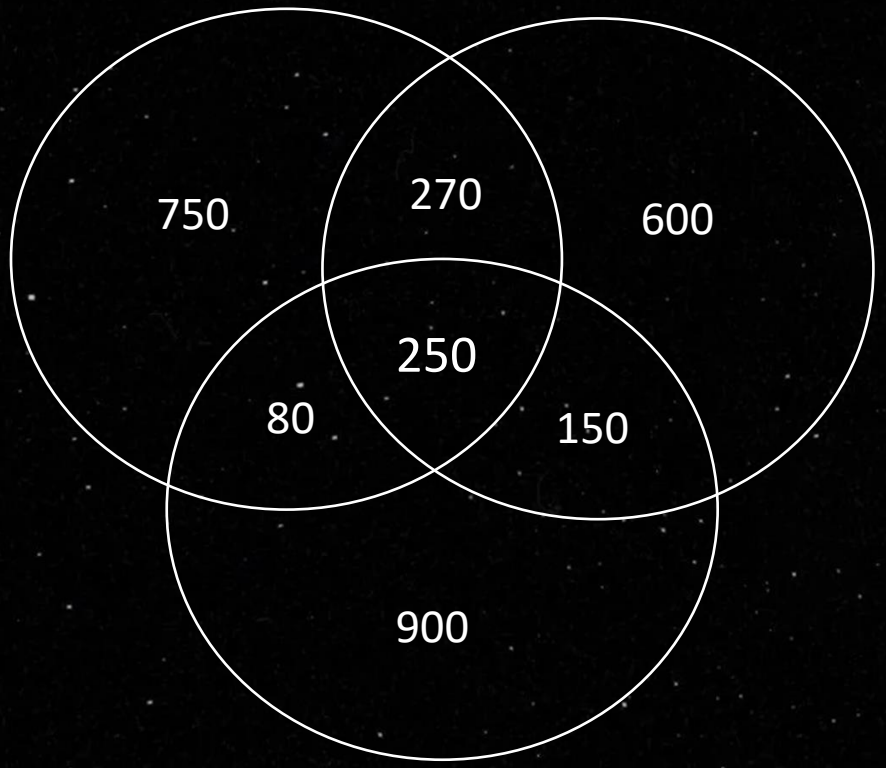
केवल क्रिकेट और केवल हॉकी खेलने वाले व्यक्तियों की संख्या के बीच का अंतर ज्ञात कीजिये?



A.120
B.150
C.130
D.140
E.NOT

Find the people who are playing only football and hockey are what percent of the people who are playing only cricket and football ?

केवल फुटबॉल और हॉकी खेलने वाले व्यक्तियों का कितना प्रतिशत है जो केवल क्रिकेट और फुटबॉल खेल रहे हैं?



A.20
B.40
C.50
D.67
E.NOT