



# IBPS/ BANK 2023

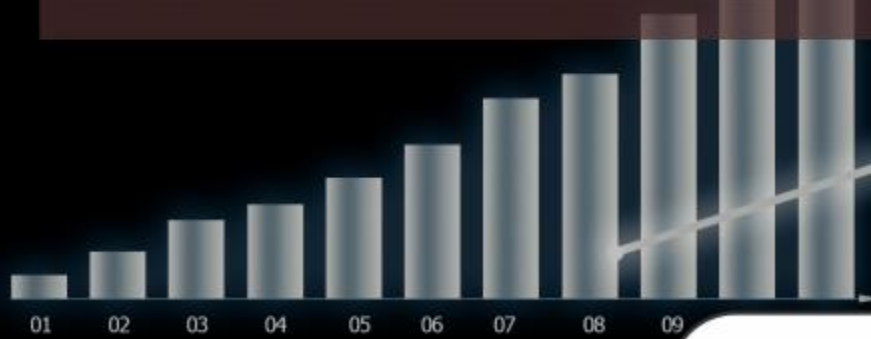
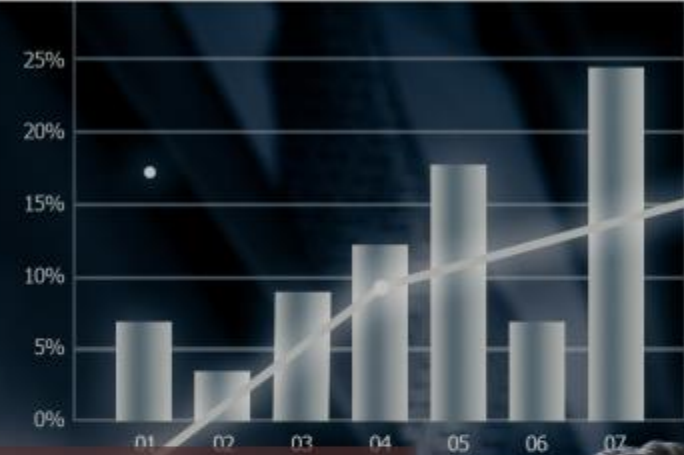


**MATHS**

**DATA**

**9**

**INTERPRETATION**



अच्छा तो **EXAM** में **DI** ऐसे की जाती है।

**LIVE** | 11:30 AM

**BY SHUBHAM MAHENDRAS**

# Real Champs-



Surbhi Sinha 5 days ago

Homework question answer 🙌 NOT AOJR SAARE DI SESSION BAHUT ACHHA H SIR AAB TIV DI BANNE LAGA H THANK YOU SIR 🙌 EASILY SOLVE KRNE K LIYE DI 😊



Aalap 5 days ago

Amazing session 🙌 Thank You sir 🙌

HW ANSWER: 48.21%

👍 2 🗨️ Reply



harsh sharma 5 days ago

All sessions are amazing sir 🙌 thank u so much sir 🙌🥰👍🙌🙌

👍 1 🗨️ Reply



Abhishek Singh 6 days ago

Very nice session Sir  
G 😊😊😊😊

👍 1 🗨️ Reply



DEBASHREE DAN 5 days ago

H.w - NOT  
Beautiful session



Sourav Basu 5 days ago

Very interesting session sir. hw ans - 75%

👍 🗨️ Reply



Amanvi (Sadhvi) 5 days ago

Thank you so much sir for this wonderful session  
H W. Answer is not (17.5%)





137, 95, ?, 45, 33, 27



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







5, 12, 33, 136, 675, ?



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







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 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 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 ?

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



- 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





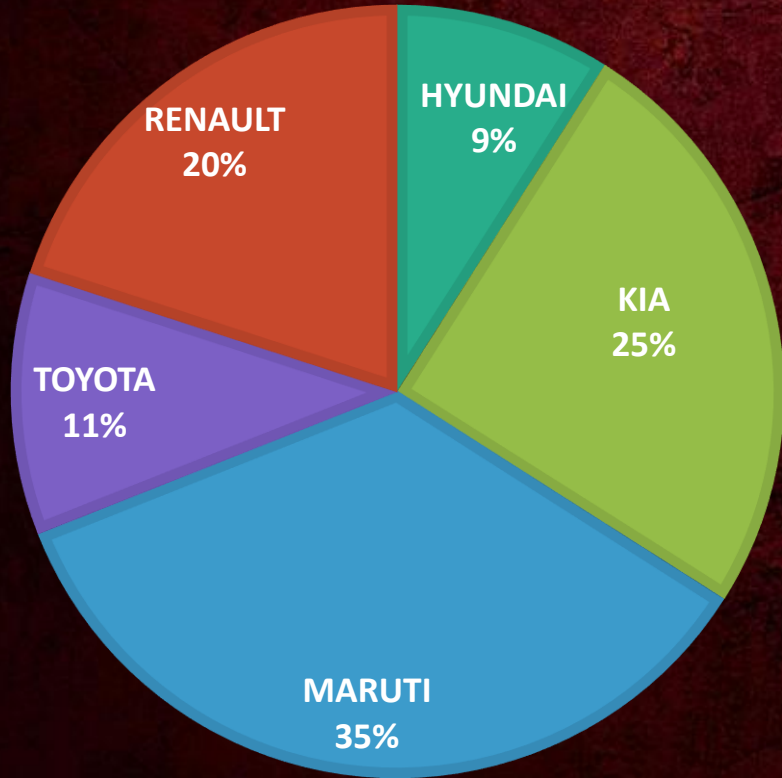


**Direction: Study the following pie charts to answer the given questions:**

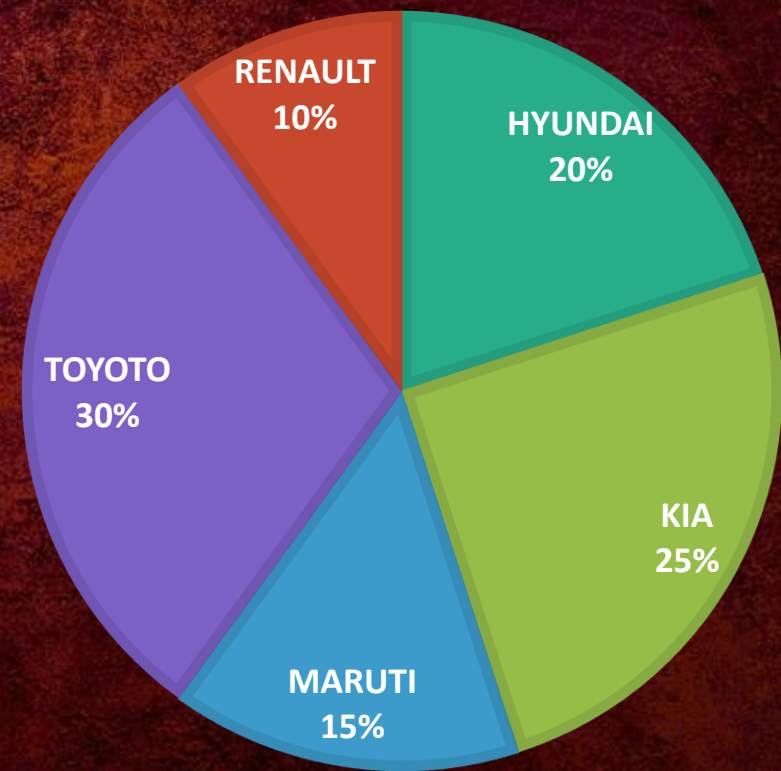
**Pie charts represent the number of cars sold by two dealers A and B of different brands.**

निर्देश: दिए गए प्रश्नों के उत्तर देने के लिए निम्नलिखित पाई चार्ट का अध्ययन करें: पाई चार्ट विभिन्न ब्रांडों के दो डीलरों A और B द्वारा बेची गई कारों की संख्या को दर्शाता है।

Each sector represents the percentage of car A sold of different brand by dealer A.  
Total number of car sold by dealer 'A' = 10,000



Each sector represents the percentage of car A sold of different brand by dealer B.  
Total number of car sold by dealer 'B' = 8,000

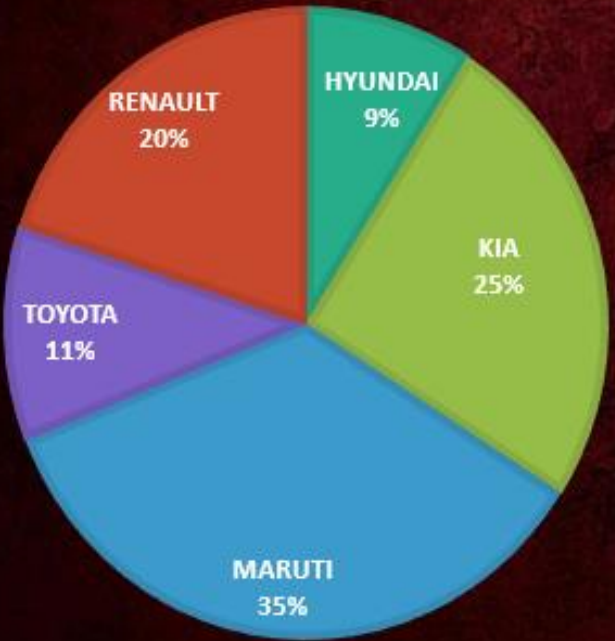




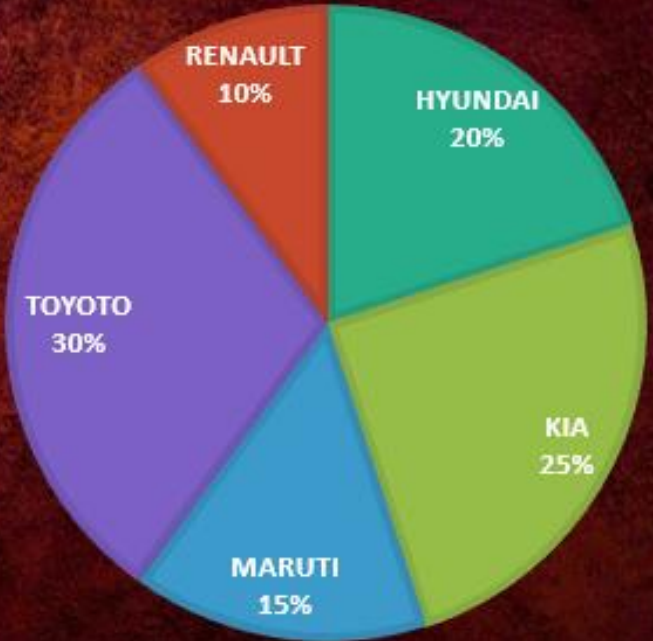


Find the angle corresponding to the Renault car and Toyota car sold by dealer B ?  
डीलर B द्वारा बेची गई रेनॉल्ट कार और टोयोटा कार के अनुरूप कोण ज्ञात कीजिये?

Each sector represents the percentage of car A sold of different brand by dealer A.  
Total number of car sold by dealer 'A' = 10,000



Each sector represents the percentage of car A sold of different brand by dealer B.  
Total number of car sold by dealer 'B' = 8,000



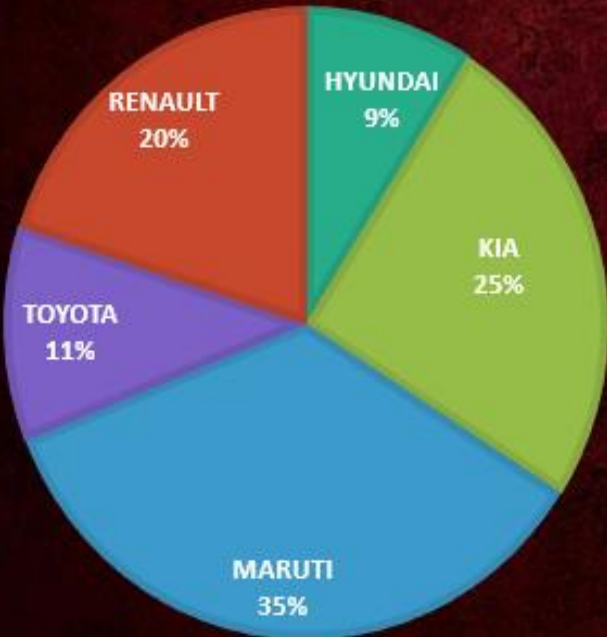
- a.  $122^\circ$
- b.  $222^\circ$
- c.  $144^\circ$
- d.  $154^\circ$
- e.  $166^\circ$





Find the average number of cars sold by dealer A of all the brands?  
सभी ब्रांडों के डीलर A द्वारा बेची गई कारों की औसत संख्या ज्ञात कीजिये?

Each sector represents the percentage of car A sold of different brand by dealer A.  
Total number of car sold by dealer 'A' = 10,000



Each sector represents the percentage of car A sold of different brand by dealer B.  
Total number of car sold by dealer 'B' = 8,000



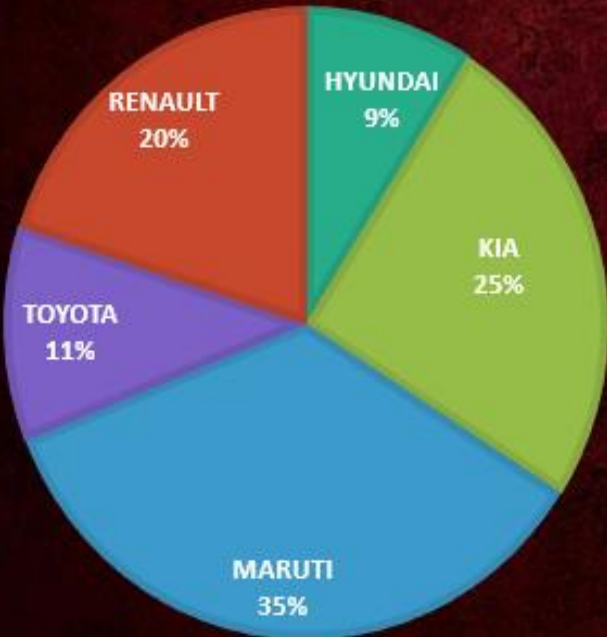
- a. 2000
- b. 3000
- c. 1000
- d. 4000
- e. 6000





Find the difference between Toyota cars sold by dealer A and dealer B ?  
डीलर A और डीलर B द्वारा बेची गई टोयोटा कारों के बीच का अंतर ज्ञात कीजिये?

Each sector represents the percentage of car A sold of different brand by dealer A.  
Total number of car sold by dealer 'A' = 10,000



Each sector represents the percentage of car A sold of different brand by dealer B.  
Total number of car sold by dealer 'B' = 8,000



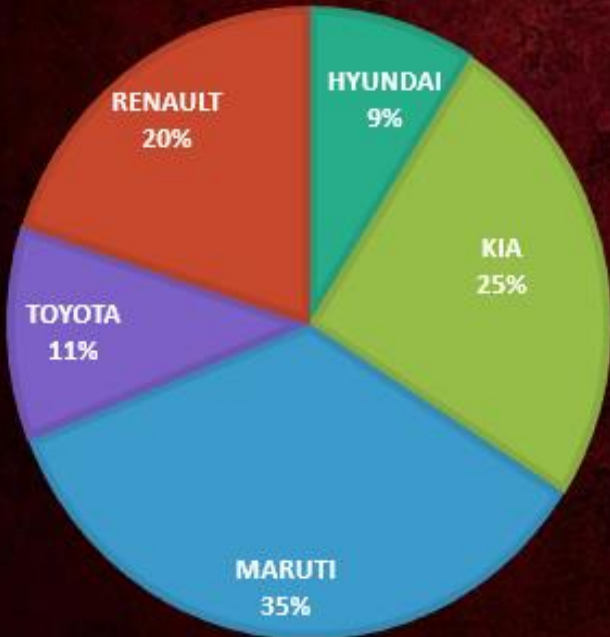
- a. 1200
- b. 1300
- c. 1400
- d. 1500
- e. 1600





What is the total number of KIA cars sold by dealers A and B together?  
डीलर A और B द्वारा बेची गई KIA कारों की कुल संख्या क्या है?

Each sector represents the percentage of car A sold of different brand by dealer A.  
Total number of car sold by dealer 'A' = 10,000



Each sector represents the percentage of car A sold of different brand by dealer B.  
Total number of car sold by dealer 'B' = 8,000



- a. 2500
- b. 2000
- c. 4000
- d. 4500
- e. 5000

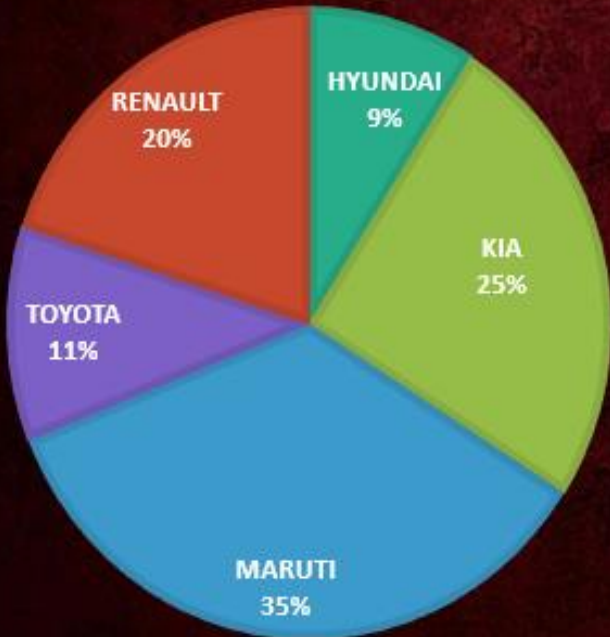




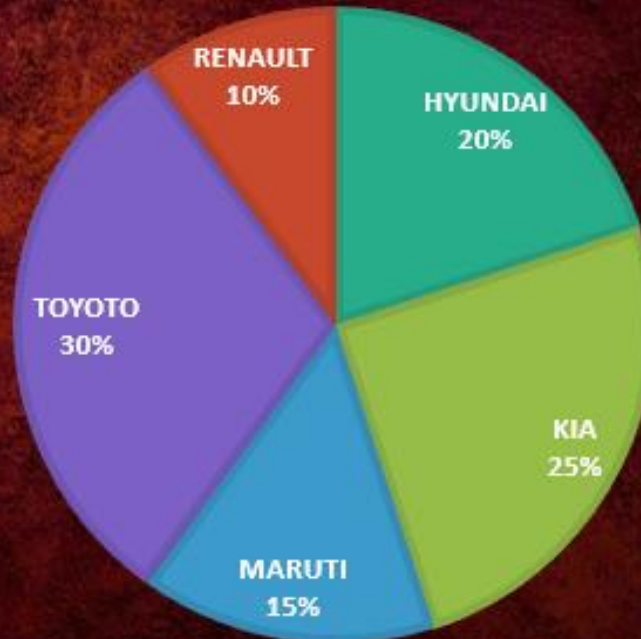
What is the ratio between Renault car sold by dealer B to the Hyundai car sold by dealer A?

डीलर B द्वारा बेची गई रेनॉल्ट कार और डीलर A द्वारा बेची गई हुंडई कार के बीच का अनुपात क्या है?

Each sector represents the percentage of car A sold of different brand by dealer A.  
Total number of car sold by dealer 'A' = 10,000



Each sector represents the percentage of car A sold of different brand by dealer B.  
Total number of car sold by dealer 'B' = 8,000



- a. 4 : 5
- b. 2 : 3
- c. 8 : 9
- d. 1 : 5
- e. 3 : 4



A survey is conducted on 245 people of society about their choice on tea and coffee. The people can select either only tea, only coffee or both as their choice. The male and female are in the ratio 3 : 4. 40% of male and 10% of female only like tea. 42 people select both as their choice. Out of total female 15% select both as their choice. The numbers of males who selects only coffee are double to that of who selects both as their choice.

चाय और कॉफी को लेकर उनकी पसंद को लेकर समाज के 245 लोगों पर एक सर्वे किया जाता है। लोग अपनी पसंद के रूप में या तो केवल चाय, केवल कॉफी या दोनों का चयन कर सकते हैं। पुरुष और महिला का अनुपात 3 : 4 है। 40% पुरुष और 10% महिला केवल चाय पसंद करते हैं। 42 लोग दोनों को अपनी पसंद के रूप में चुनते हैं। कुल महिलाओं में से 15% दोनों को अपनी पसंद के रूप में चुनती हैं। केवल कॉफी का चयन करने वाले पुरुषों की संख्या उनकी पसंद के रूप में दोनों का चयन करने वालों की संख्या से दोगुनी है।





A survey is conducted on 245 people of society about their choice on tea and coffee. The people can select either only tea, only coffee or both as their choice. The male and female are in the ratio 3 : 4. 40% of male and 10% of female only like tea. 42 people select both as their choice. Out of total female 15% select both as their choice. The numbers of males who selects only coffee are double to that of who selects both as their choice.



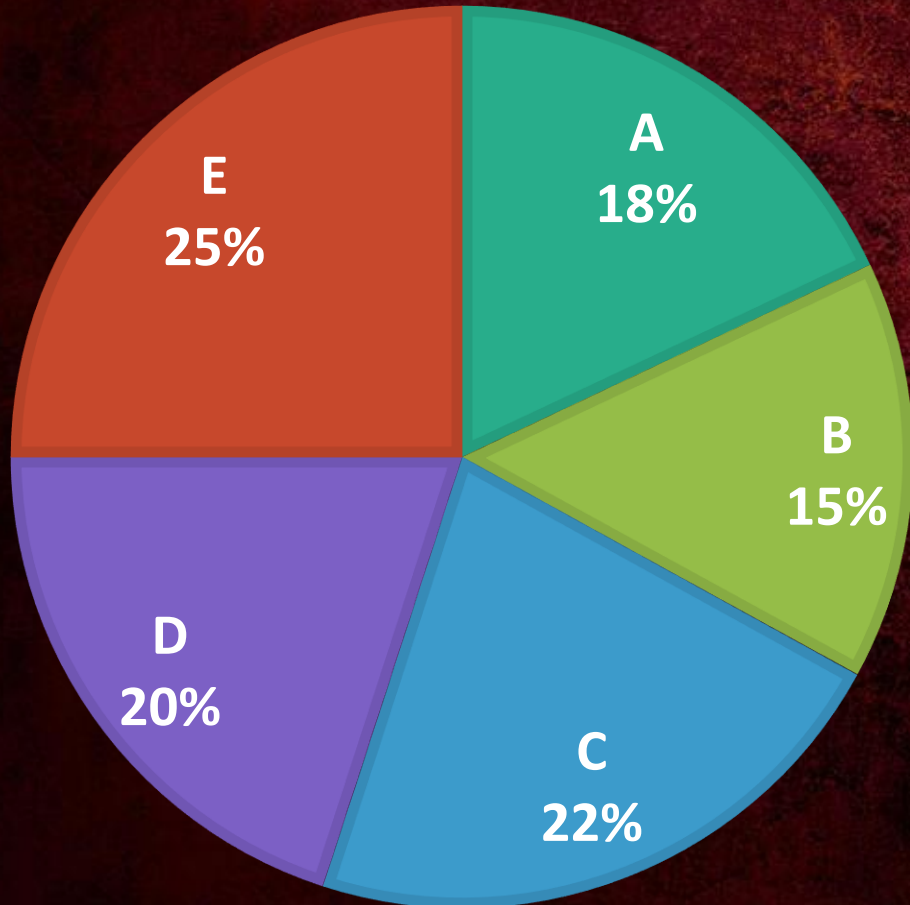




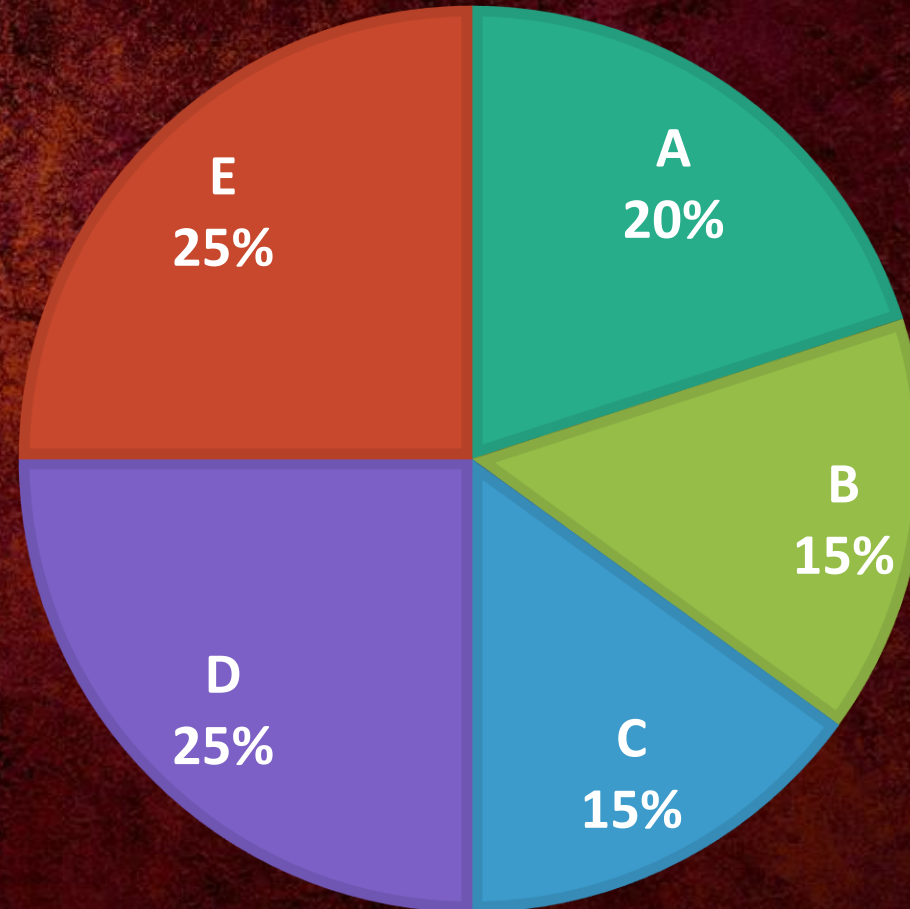
(i) The difference between the total population in society A and society B is 21.

(ii) The number of males in society B is 33.33% more than the number of females in society B.

Both Males and Females



Males



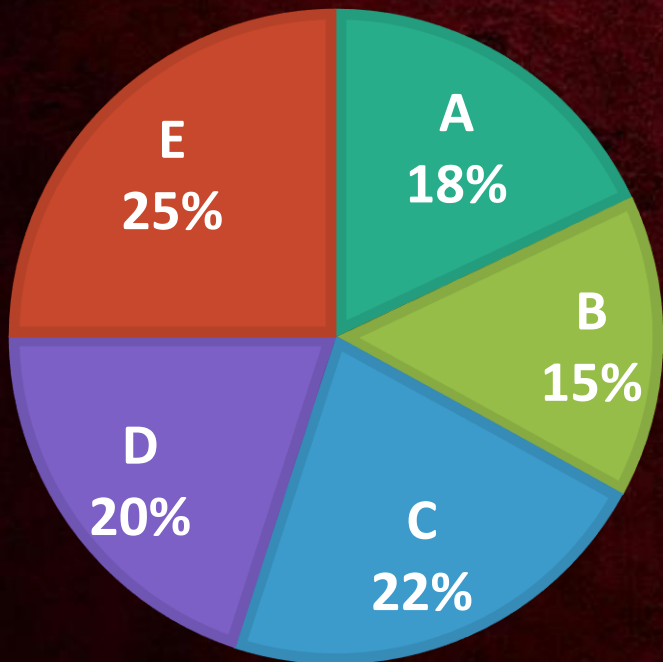




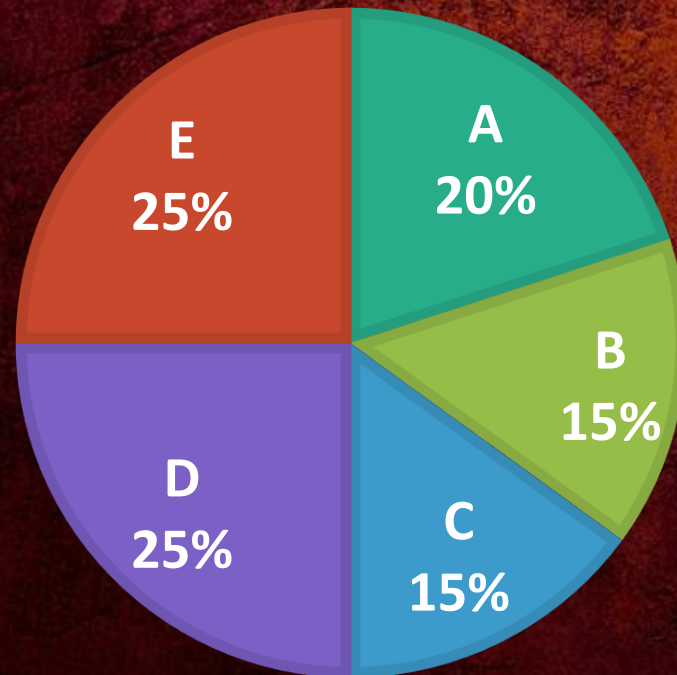
What is the ratio between the number of females in B and E together and number of females in rest of the societies?

B और E में महिलाओं की संख्या और शेष समाजों में महिलाओं की संख्या के बीच का अनुपात क्या है?

Both Males and Females



Males



- a. 2 : 3
- b. 3 : 2
- c. 1 : 2
- d. 5 : 3
- e. 2 : 5

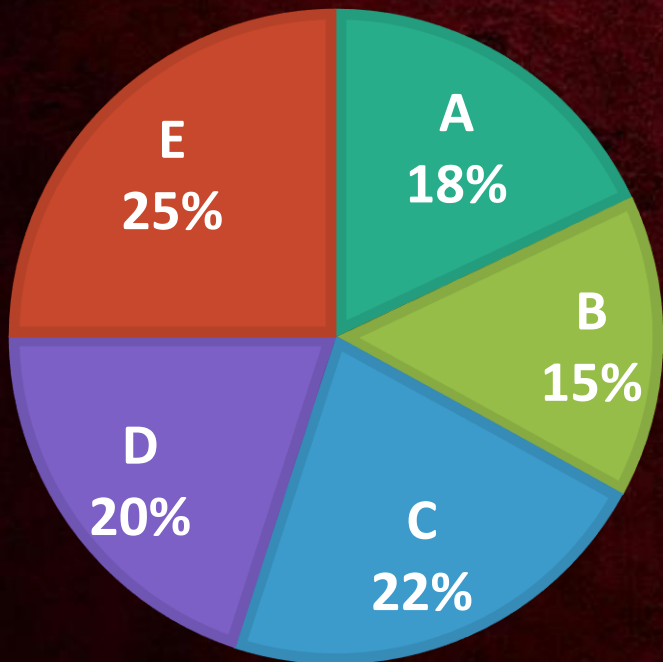




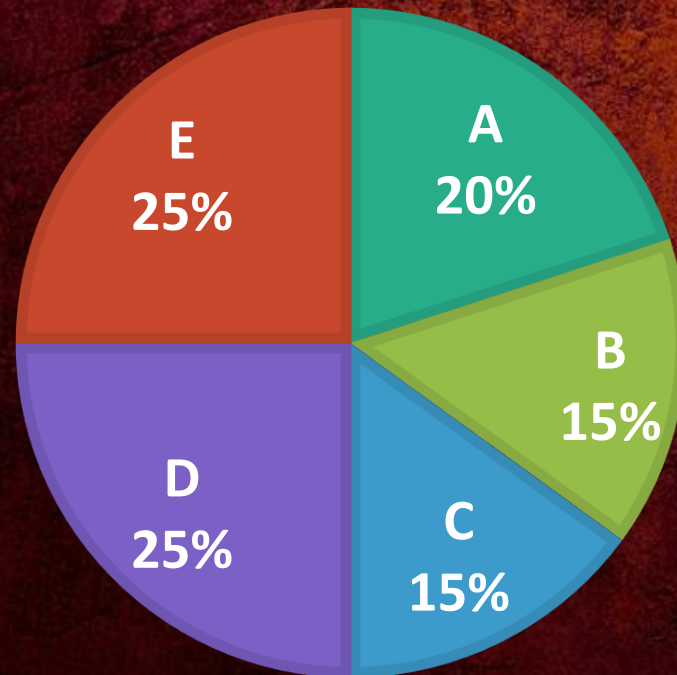
The number of females in society B and E together is what percentage of number of males in society A and E together?

समाज B और E में महिलाओं की संख्या, समाज A और E में मिलाकर पुरुषों की संख्या का कितना प्रतिशत है?

Both Males and Females



Males



- a. 33.33%
- b. 48%
- c. 66.66%
- d. 82.5%
- e. 58.6%

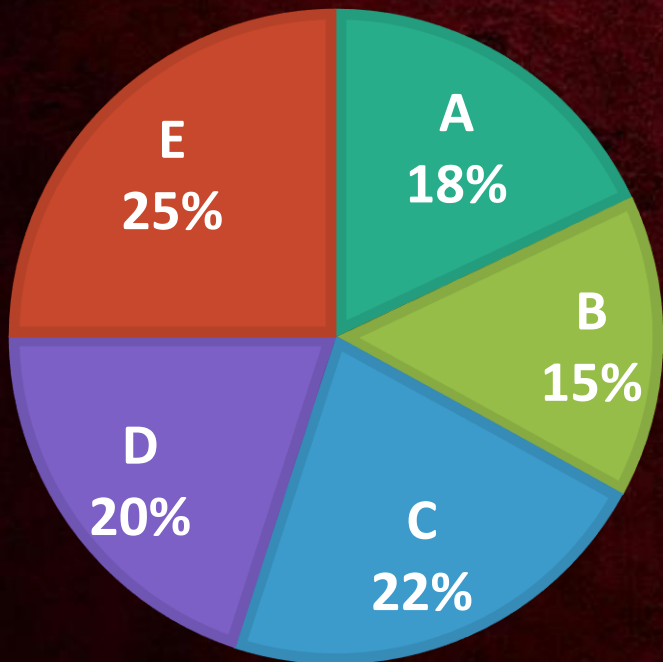




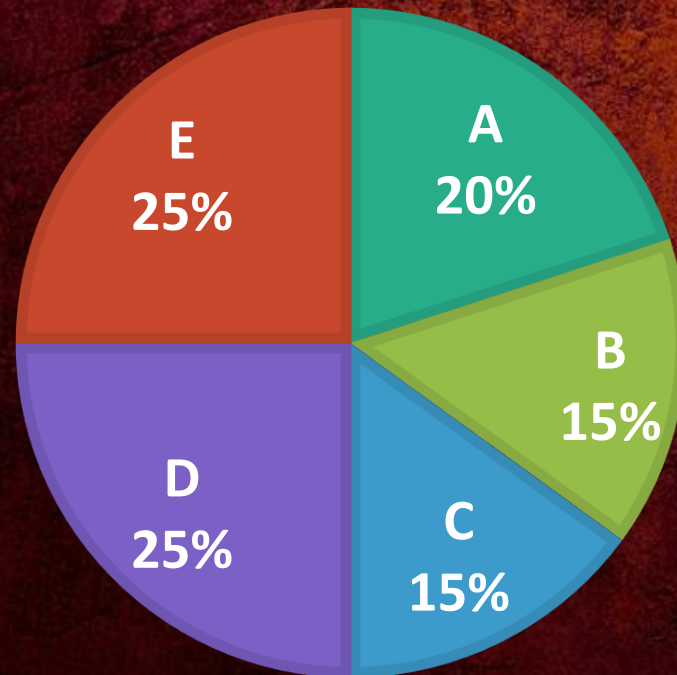
If 60% of males in society C and 40% of females in society B went to a function, then what is the number of people that attended the function?

यदि समाज C में 60% पुरुष और समाज B में 40% महिलाएं एक समारोह में जाती हैं, तो समारोह में भाग लेने वाले व्यक्तियों की संख्या क्या है?

Both Males and Females



Males



- a. 45
- b. 30
- c. 54
- d. 28
- e. 66

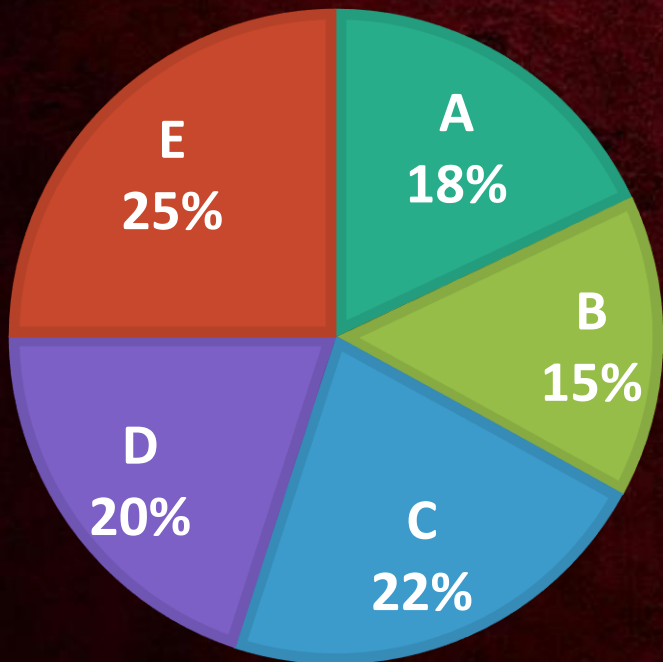




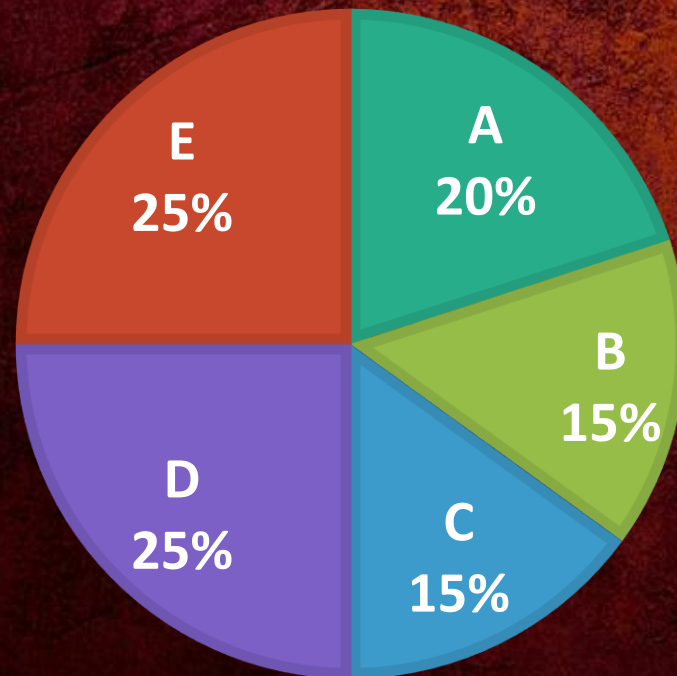
The number of males in B and C is what percentage of the number of females in the same societies?

B और C में पुरुषों की संख्या समान समाजों में महिलाओं की संख्या का कितना प्रतिशत है?

Both Males and Females



Males



- a. 86.33%
- b. 92.58%
- c. 48.76%
- d. 110.58%
- e. 88.66%

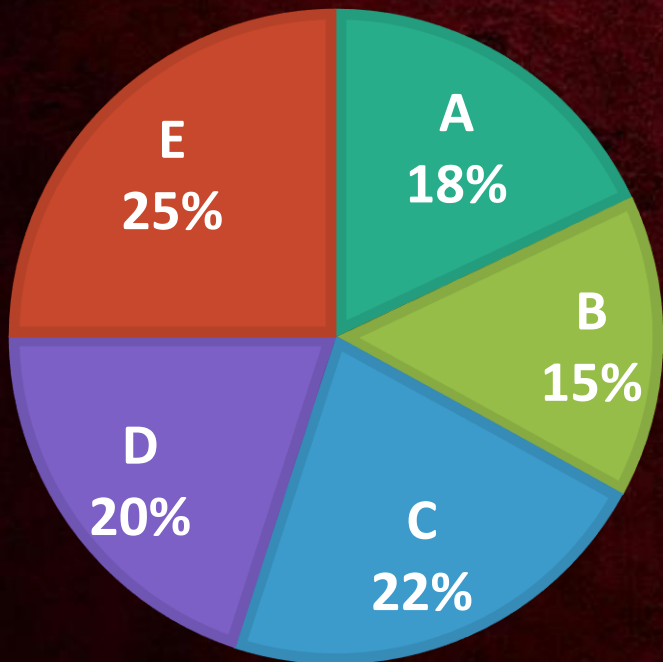




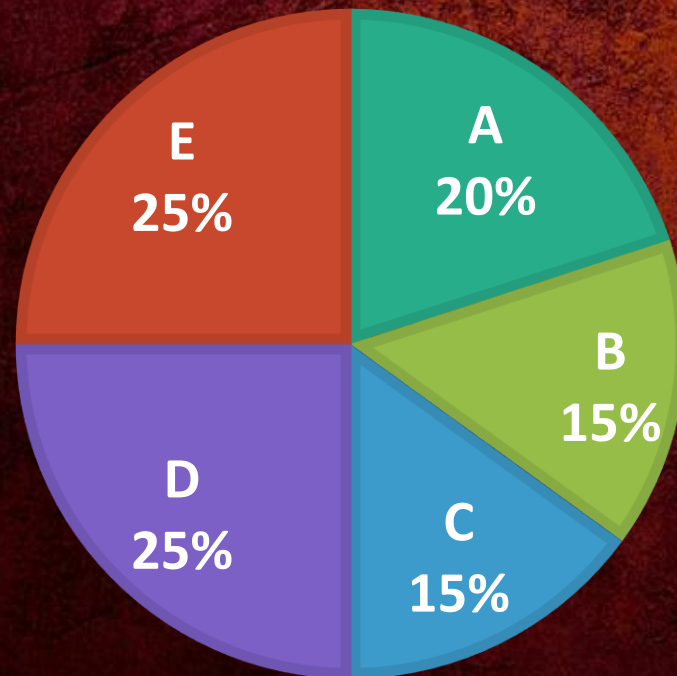
What is the difference between the average number of males in society A, B and D together to the average number of females in societies C, D and E together?

समाज A, B और D में पुरुषों की औसत संख्या और समाज C, D और E में महिलाओं की औसत संख्या के बीच का अंतर क्या है?

Both Males and Females



Males



- a. 15.66
- b. 10.33
- c. 12.66
- d. 11.33
- e. 18.66