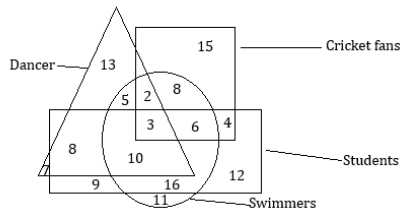


REASONING

Venn Diagram Worksheet for MAH MCA CET 2025

For students preparing for MCA Entrance Exam.

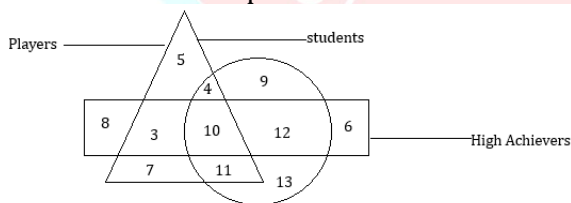
1. In the following diagram the triangle represents 'dancers', the circle represents 'swimmers', the rectangle represents 'students' and the square represents 'cricket fans'. The numbers in different segments show the number of persons.



How many student dancers are swimmers but not cricket fans?

- A. 15
- B. 10
- C. 3
- D. 13

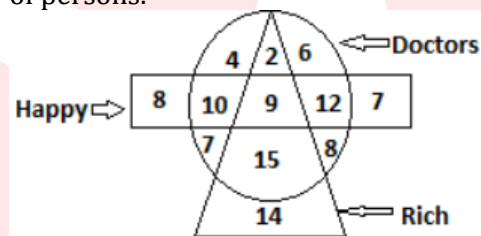
2. In the following diagram the triangle represents 'players', the circle represents 'students', the rectangle represents 'high achievers'. The numbers in different segments show the number of persons.



How many high-achieving students are not players?

- A. 15
- B. 13
- C. 12
- D. 3

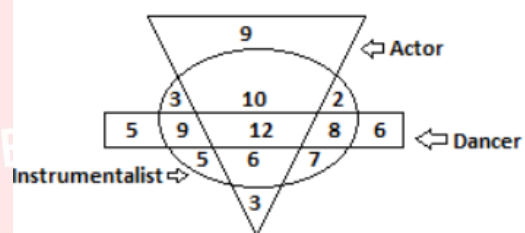
3. In the following diagram the triangle represents 'rich', the circle represents 'doctor', the rectangle represents 'happy' persons. The numbers in different segments show the number of persons.



How many rich doctors are not happy?

- A. 1
- B. 26
- C. 9
- D. 17

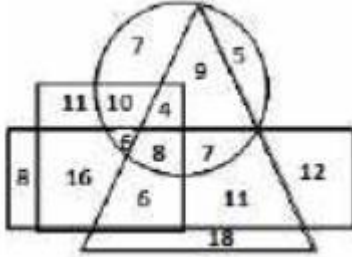
4. In the following diagram, the triangle represents 'actors', the circle represents 'instrumentalists' and the rectangle represents 'dancers'. The numbers in different segments show the number of persons.



How many dancers are instrumentalists but not actors?

- A. 21
- B. 12
- C. 17
- D. 20

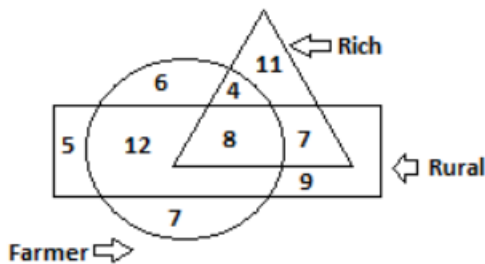
5. In the following diagram, the triangle represents 'actors', the circle represents 'male', the rectangle represents 'painters' and the square represents 'artists'. The numbers in different segments show the number of persons.



How many male actors are painters but not artists?

- A. 13
- B. 7
- C. 8
- D. 15

6. In the following diagram, the triangle represents 'rich', the circle represents 'Farmer' and the rectangle represents 'rural'. The numbers in different segments show the number of persons.

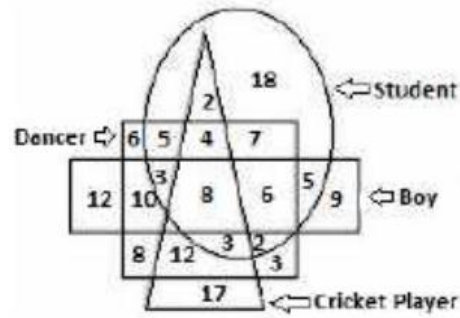


How many rich Farmers are not rural?

- A. 8
- B. 4
- C. 12
- D. 7

7. In the following diagram, the triangle represents 'cricket players', the circle represents 'students', the rectangle represents 'boys' and the square represents 'dancers'. The numbers in

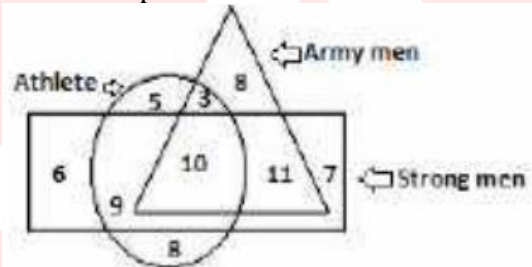
different segments show the number of persons.



How many students are dancers and cricket players but not boys?

- A. 7
- B. 1
- C. 4
- D. 16

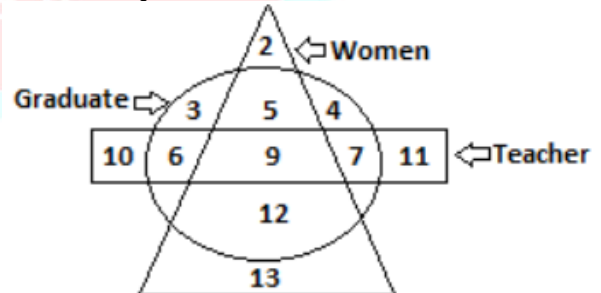
8. In the following diagram, the triangle represents 'army men', the circle represents 'athletes', the rectangle represents 'strong men'. The numbers in different segments show the number of persons.



How many strong army men are not athletes?

- A. 13
- B. 19
- C. 11
- D. 10

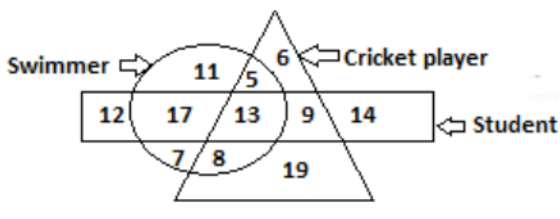
9. In the following diagram, the triangle represents 'women', the circle represents 'graduates', the rectangle represents 'teachers'. The numbers in different segments show the number of persons.



How many women graduates are not teachers?

- A. 9
- B. 12
- C. 17
- D. 5

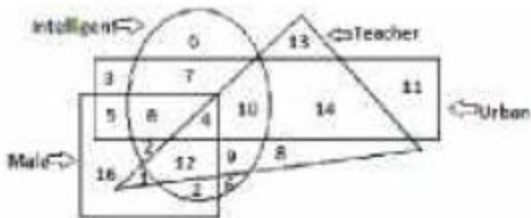
10. In the following diagram, the triangle represents 'cricket players', the circle represents 'swimmers' and the rectangle represents 'students'. The numbers in different segments show the number of persons.



How many students are swimmers but not cricket players?

- A. 17
- B. 8
- C. 13
- D. 18

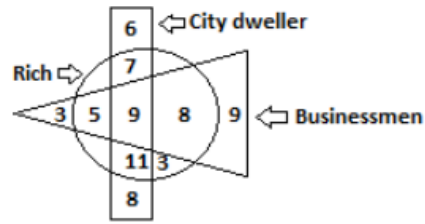
11. In the following diagram, the triangle represents 'teachers', the circle represents 'intelligent', the rectangle represents 'urban' and the square represents 'males'. The numbers in different segments show the number of persons.



How many urban intelligent teachers are not male?

- A. 12
- B. 14
- C. 10
- D. 4

12. In the following diagram, the triangle represent 'businessmen', the circle represent 'rich' and the rectangle represent city dwellers. The number in different segments shows the number of persons.



How many rich city dwellers are not businessmen?

- A. 20
- B. 14
- C. 18
- D. 16

13. Choose the venn diagram from the given options that best represents the relationship amongst the following classes: Vienna, Europe, New Zealand

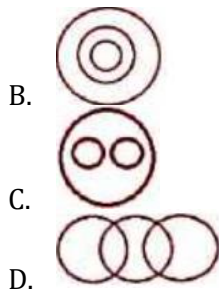
- A.
- B.
- C.
- D.

14. Choose the venn diagram from the given options that best represents the relationship amongst the following classes: Mothers, Doctors, Homo Sapiens

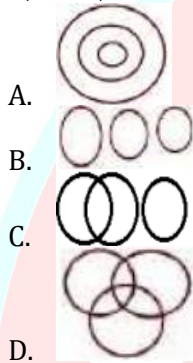
- A.
- B.
- C.
- D.

15. Choose the venn diagram from the given options that best represents the relationship amongst the following classes: Inert Gases, Chlorine, Helium

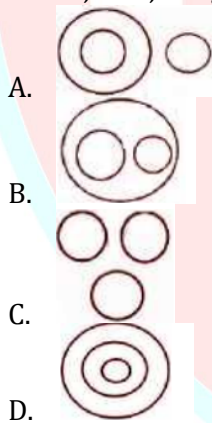
- A.



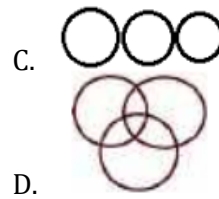
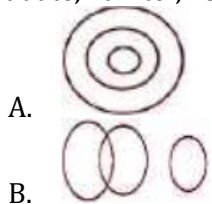
16. Choose the Venn diagram from the given options that best represents the relationship amongst the following classes:
Clerk, Male, Permanent Employee



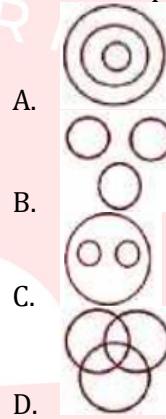
17. Select the venn diagram that represents the correct relationship between the following classes.
Indonesia, Asia, Bangladesh



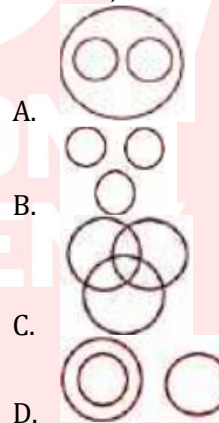
18. Select the venn diagram that represents the correct relationship between the following classes.
Graduate, Painter, Teacher



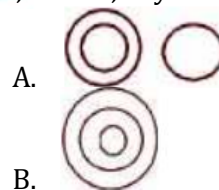
19. Choose the venn diagram from the given options that best represents the relationship amongst the following classes:
Mizoram, Manipur, India

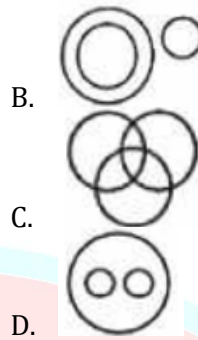
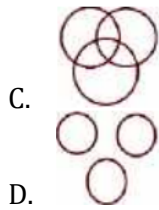


20. Choose the venn diagram from the given options that best represents the relationship amongst the following classes:
Bird, Parrot, Snake



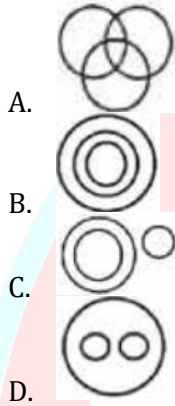
21. Choose the venn diagram from the given options that best represents the relationship amongst the following classes:
Year, month, day





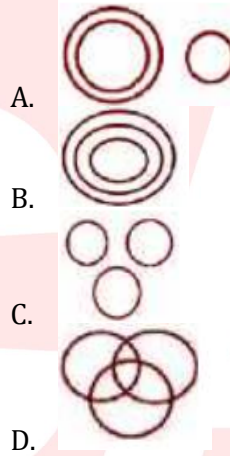
22. Select the venn diagram that represents the correct relationship between the following classes.

Stationary, Pen, Nib



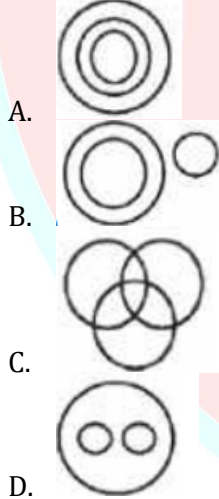
25. Select the venn diagram that represents the correct relationship between the following classes.

Females, Mothers, Fathers



23. Select the venn diagram that represents the correct relationship between the following classes.

Student, Player, Spectator



24. Select the venn diagram that represents the correct relationship between the following classes.

Teacher, Singer, Mothers



Answer Key

1. B	2. C	3. D	4. C	5. B	6. B	7. A	8. C	9. C	10. A
11. C	12. C	13. B	14. A	15. A	16. D	17. B	18. D	19. C	20. D
21. B	22. B	23. C	24. C	25. A					

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