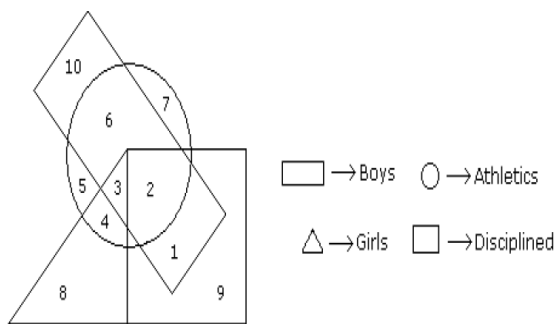
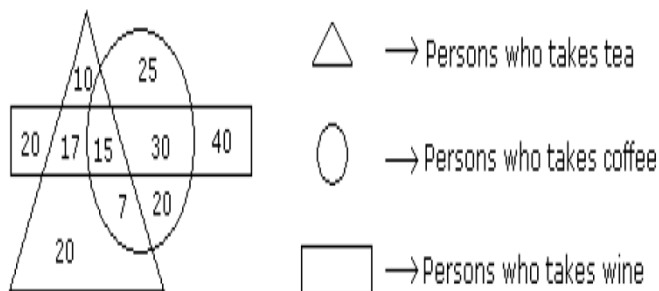


1. In the following diagram the boys who are athletic and are disciplined are indicated by which number?



- a) 1                      b) 2                      c) 10                      d) 6

Study the diagram given below and answer each of the following questions.



2. How many persons are there who take both tea and coffee but not wine?

- a) 22                      b) 17                      c) 7                      d) 20

3. How many persons take wine?

- a) 100                      b) 82                      c) 92                      d) 122

4. In a survey, it was found that 65% of the people would watch news on TV, 40% read in newspaper, 25% read newspaper and watched TV. What percentage of people neither watched TV nor read newspaper?

- a) 0%                      b) 5%                      c) 10%                      d) 20%

5. In a class, 20 opted for Physics, 17 for Math's, 5 for both and 10 for other subjects. The class contains how many students?

- a) 35                      b) 42                      c) 52                      d) 60

6. In a class of 50 students, 18 take Chorus, 26 take Band, and 2 take both Chorus and Band. How many students in the class are not enrolled in either Chorus or Band?

- a) 12                      b) 4                      c) 8                      d) 6

7. In a class consisting of 100 students, 20 know English and 20 do not know Hindi and 10 know neither English nor Hindi. The number of students knowing both Hindi and English is

- a) 5                      b) 10                      c) 15                      d) 20

8. Each student in a class of 40 plays at least one indoor game chess, carom and scrabble. 18 play chess, 20 play scrabble and 27 play carom. 7 play chess and scrabble, 12 play scrabble and carom and 4 play chess, carom and scrabble. Find the number of students who play both chess and carom.

- a) 6                      b) 8                      c) 10                      d) 12

9. A veterinarian surveys 26 of his patrons. He discovers that 14 have dogs, 10 have cats, and 5 have fish. 4 have dogs and cats, 3 have dogs and fish, and 1 has a cat and fish. If no one has all three kinds of pets, how many patrons have none of these pets?

- a) 6                      b) 0                      c) 5                      d) 3

10. Total 120 people work in an organization. Of which 75 work in office, 63 work in factory and there are none who work outside. Then how many of them work in both?

- a) 18                      b) 28                      c) 19                      d) None

11. In a competition, a college awarded medals in different categories. 41 medals in Story writing, 17 medals in Poetry and 23 medals in Painting. If these medals went to a total of 50 persons and only 5 persons got medals in all the three categories, how many received medals in exactly two of these categories?

- a) 12                      b) 20                      c) 21                      d) None