1Q. In a class of 70 students, 45 students like to play soccer, 52 students like to play baseball. All the students like to play at least one of the two games. Using sets formula find how many students like to play soccer or baseball ? How many students like to play only soccer?

2Q There are 100 students, 35 like painting and 45 like dancing, and 10 like both. How many of the students like either of them or neither of them?

3Q. There are 240 students in the class, 92 playing badminton, 60 table tennis, 80 rugby, 27 playing badminton and table tennis, 20 playing rugby and table tennis, 16 playing badminton and rugby, and 60 playing all the 3 games. Find

1. Number of students who play badminton, table tennis, and rugby.

2. Number of students who play badminton and not rugby.

3. Number of students who play badminton and rugby and not table tennis.

4Q. In a survey of 800 students in a school, 250 students were found to be drinking mojito and 500 were drinking juice, 150 were drinking both mojito and juice. Find how many students were drinking neither mojito nor juice.