

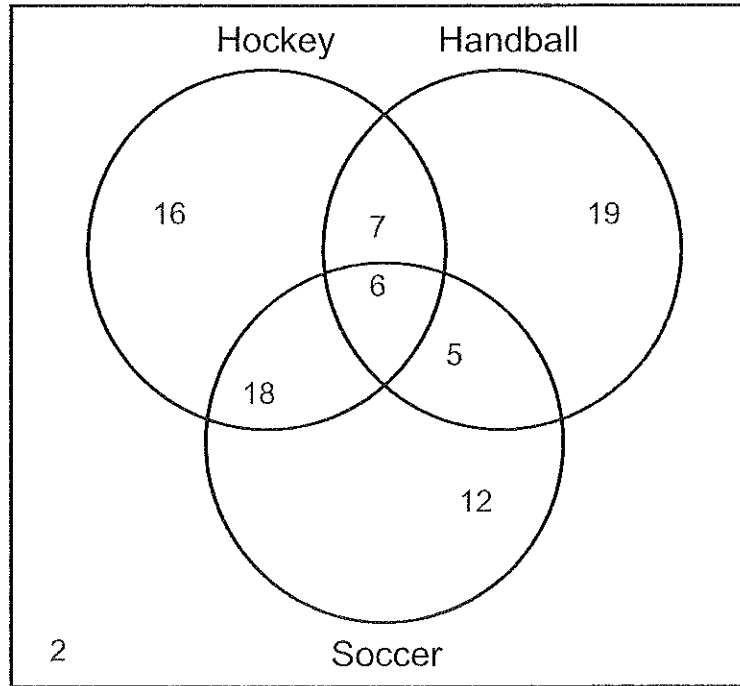
Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

### Answer the Questions Based on the Venn Diagram



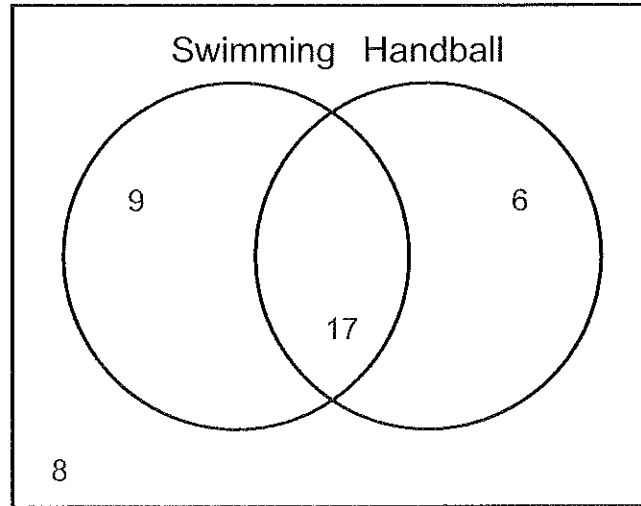
- 1) How many students like both Hockey and Handball ? \_\_\_\_\_
- 2) How many students only like Handball ? \_\_\_\_\_
- 3) How many students like both Handball and Soccer ? \_\_\_\_\_
- 4) How many students like Hockey or Soccer ? \_\_\_\_\_
- 5) How many students only like Hockey ? \_\_\_\_\_
- 6) How many students like both Hockey and Soccer but not Handball ? \_\_\_\_\_
- 7) How many students like Hockey or Handball ? \_\_\_\_\_
- 8) How many students do not like both Hockey and Handball ? \_\_\_\_\_
- 9) How many students like Hockey or Handball but not Soccer ? \_\_\_\_\_
- 10) How many students do not like either Hockey or Soccer ? \_\_\_\_\_



Name : \_\_\_\_\_ Score : \_\_\_\_\_

Teacher : \_\_\_\_\_ Date : \_\_\_\_\_

### Answer the Questions Based on the Venn Diagram



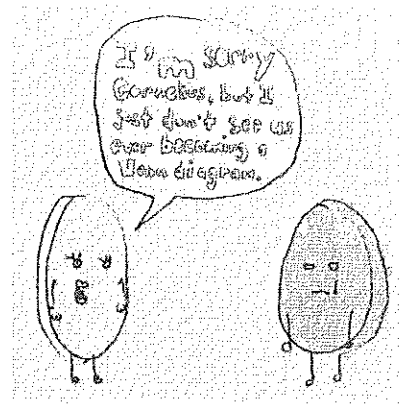
- 1) How many students like Handball ? \_\_\_\_\_
- 2) How many students like Swimming or Handball ? \_\_\_\_\_
- 3) How many students only like Swimming ? \_\_\_\_\_
- 4) How many students do not like Handball ? \_\_\_\_\_
- 5) How many students do not like Swimming ? \_\_\_\_\_
- 6) How many students like Swimming ? \_\_\_\_\_
- 7) How many students only like Handball ? \_\_\_\_\_
- 8) How many students like both Swimming and Handball ? \_\_\_\_\_
- 9) How many students do not like either Swimming or Handball ? \_\_\_\_\_
- 10) How many students do not like both Swimming and Handball ? \_\_\_\_\_



Name: \_\_\_\_\_

### Using a Venn Diagram

1. A group of friends go camping. Of the group, 5 want to take a hike, 4 want to have a bonfire, 3 want to swim in the river. In these groups, 2 want to hike and swim in the river, 1 wants to have a bonfire and take a hike, and 1 wants to do all three activities. Make a Venn Diagram to represent what these friends want to do.



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

3. In a school of 320 students, 85 students are in the band, 200 students are on sports teams, and 60 students participate in both activities. How many students are involved in either band or sports?