_____   _____

Name   Period

1. Build a two-way frequency table for this data.

German   Teen Ager
15   8   23
54

			Total
German			
Total			

200
Music   Foreign Language
450   90   230
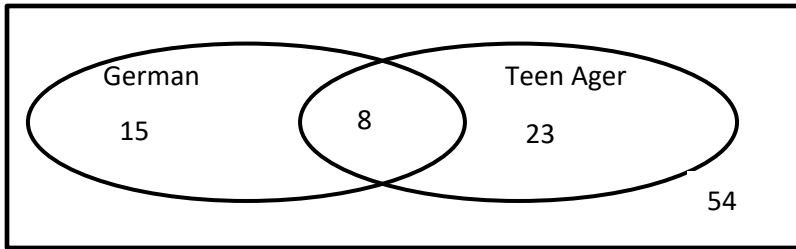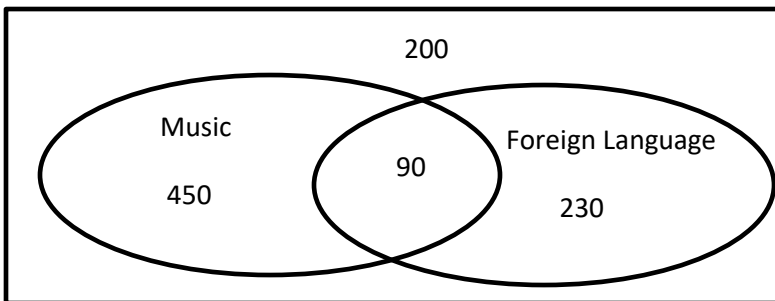
2. What is the total number of students taking a music class?

3. What is the number of students taking a music class and a Foreign Language class?

4. What does the number 230 represent?

5. How many students are taking music or a foreign language?

6. How many students are taking a foreign language class?

7. How many students are not taking a music class?

8. How many students are not taking music and are not taking foreign language classes?

9. Build a 2-Way Table for the Venn diagram that describes gender participation in sports.
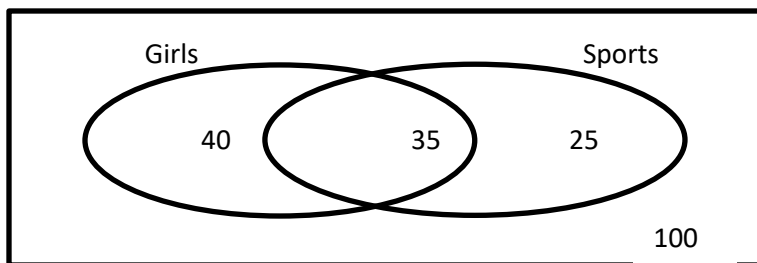
			Total
Girls			
Total			

10. $P(G \cap S) = ?$

11. $P(Boy \cap S) = ?$

12. $P(G) = ?$

13. $P(G/S) = ?$

14. $P(G/\bar{S}) = ?$

15. $P(Boy \cap \bar{S}) = ?$

16. Label the Venn Diagram below that corresponds to the following 2-way table.

	Silver	Not silver	Total
Honda	7	8	15
Not Honda	9	10	19
Total	16	18	34

2