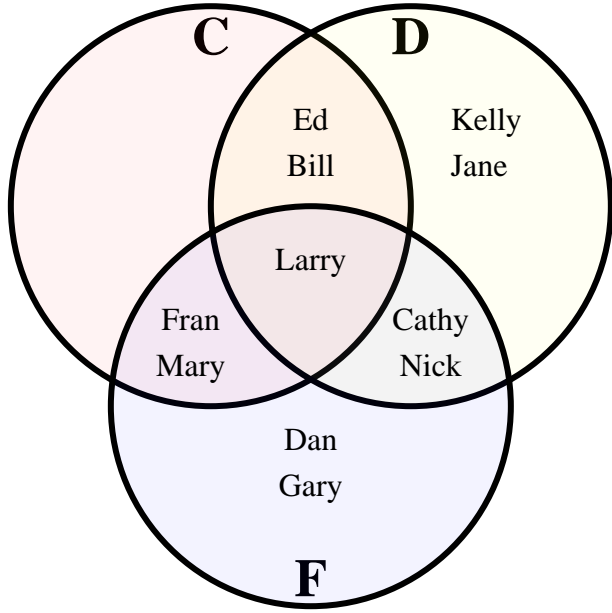




The diagram below shows which pet students own. Cat (C), Dog (D) and Fish(F). Use the diagram to answer the questions.



Answers

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. Line

8. Line

9. Line

10. Line

11. Line

12. Line

13. Line

1) How many people owned a cat? \_\_\_\_\_

2) How many people owned a dog? \_\_\_\_\_

3) How many people owned a fish? \_\_\_\_\_

4) How many people owned ONLY a cat? \_\_\_\_\_

5) How many people owned ONLY a dog? \_\_\_\_\_

6) How many people owned ONLY a fish? \_\_\_\_\_

7)  $D \cup C =$  \_\_\_\_\_

8)  $D \cap F =$  \_\_\_\_\_

9)  $C - F =$  \_\_\_\_\_

10)  $(D \cap C) - F =$  \_\_\_\_\_

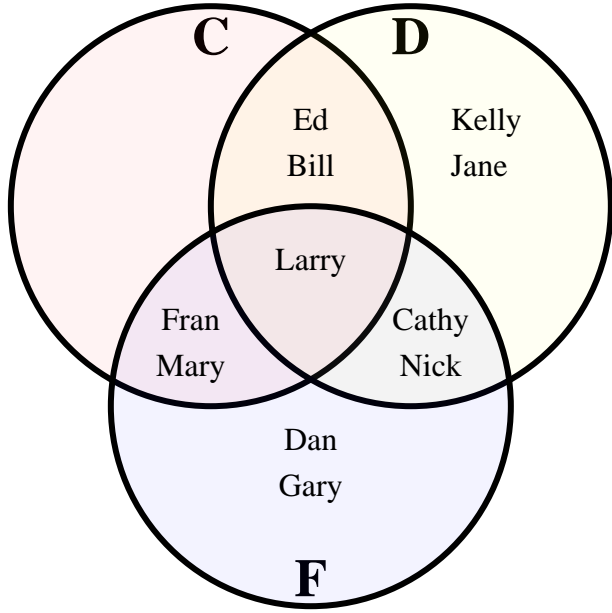
11)  $(C \cup D) - F =$  \_\_\_\_\_

12)  $C =$  \_\_\_\_\_

13)  $D \cap C \cap F =$  \_\_\_\_\_



The diagram below shows which pet students own. Cat (C), Dog (D) and Fish(F). Use the diagram to answer the questions.



Answers

- 1) How many people owned a cat? 5
- 2) How many people owned a dog? 7
- 3) How many people owned a fish? 7
- 4) How many people owned ONLY a cat? 0
- 5) How many people owned ONLY a dog? 2
- 6) How many people owned ONLY a fish? 2
- 7)  $D \cup C =$  {Bill, Cathy, Ed, Fran, Jane, Kelly, Larry, Mary, Nick}
- 8)  $D \cap F =$  {Cathy, Larry, Nick}
- 9)  $C - F =$  {Bill, Ed}
- 10)  $(D \cap C) - F =$  {Bill, Ed}
- 11)  $(C \cup D) - F =$  {Bill, Ed, Jane, Kelly}
- 12)  $C =$  {Bill, Ed, Fran, Larry, Mary}
- 13)  $D \cap C =$  {Larry}

1. 5
2. 7
3. 7
4. 0
5. 2
6. 2
7. Line
8. Line
9. Line
10. Line
11. Line
12. Line
13. Line