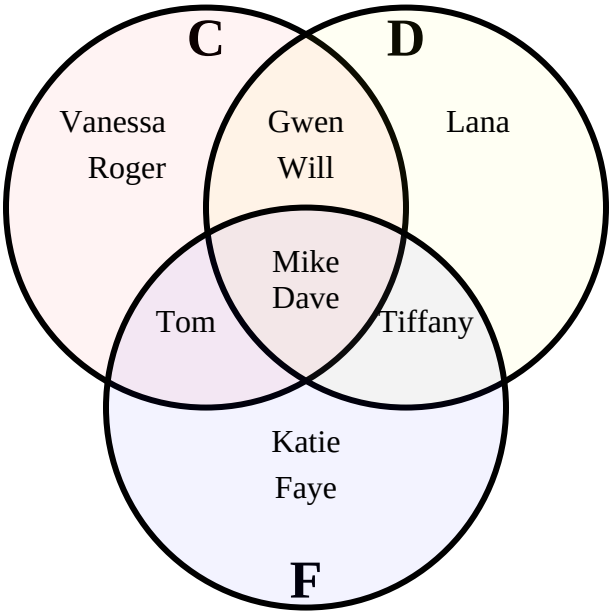
Reading a Venn Diagram

Name:

Solve each problem.



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∪F = _____

8) F∩D = _____

9) C-D = _____

10) (D∩F)-C = _____

11) (D∪F)-C = _____

12) F = _____

13) CDF = _____

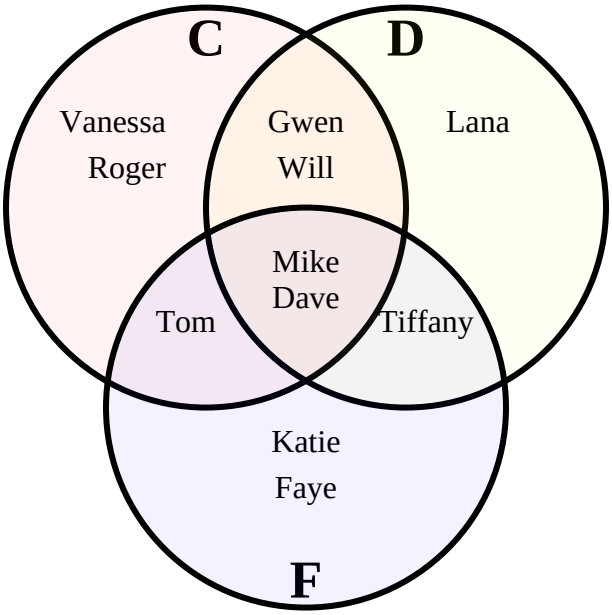
Answers

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

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Reading a Venn Diagram Name: **Answer Key**

Solve each problem.



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∪F = {Dave,Faye,Gwen,Katie,Lana,Mike,Tiffany,Tom,Will}

8) F∩D = {Dave,Mike,Tiffany}

9) C-D = {Roger,Tom,Vanessa}

10) (D∩F)-C = {Tiffany}

11) (D∪F)-C = {Faye,Katie,Lana,Tiffany}

12) F = {Dave,Faye,Katie,Mike,Tiffany,Tom}

13) CDF = {Dave,Mike}

Answers

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

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							