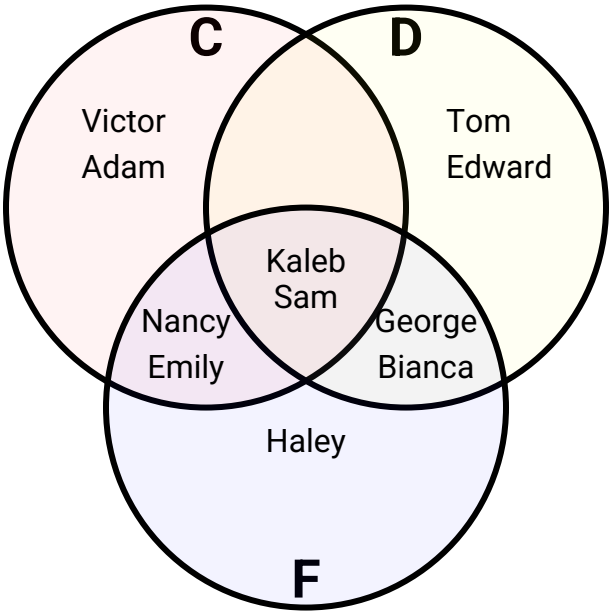
Reading a Venn Diagram Name:

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) F∪C = _____

8) C∩F = _____

9) C-F = _____

10) (F∩C)-D = _____

11) (C∪D)-F = _____

12) D = _____

13) FDC = _____

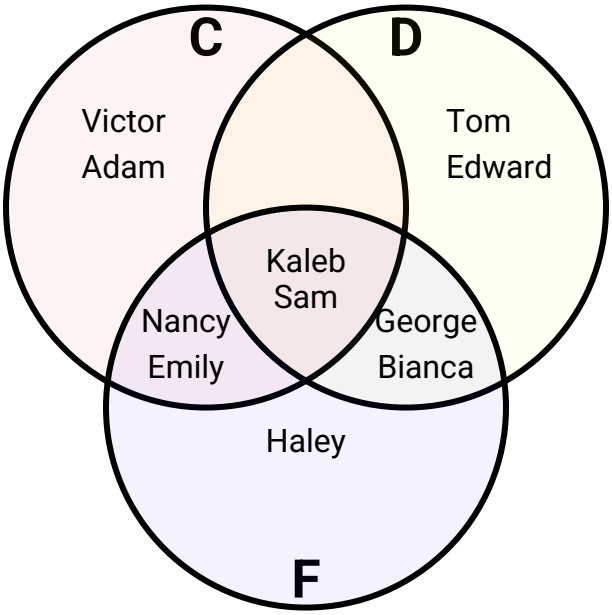
Answers

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) F∪C = {Adam,Bianca,Emily,George,Haley,Kaleb,Nancy,Sam,Victor}

8) C∩F = {Emily,Kaleb,Nancy,Sam}

9) C-F = {Adam,Victor}

10) (F∩C)-D = {Emily,Nancy}

11) (C∪D)-F = {Adam,Edward,Tom,Victor}

12) D = {Bianca,Edward,George,Kaleb,Sam,Tom}

13) FDC = {Kaleb,Sam}

Answers

1. 6
2. 6
3. 7
4. 2
5. 2
6. 1
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							