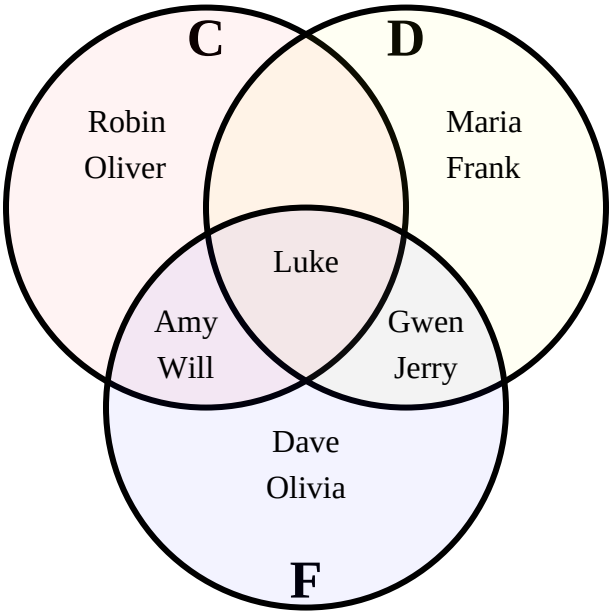
Reading a Venn Diagram

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∪C = _____

8) F∩C = _____

9) D-F = _____

10) (D∩F)-C = _____

11) (C∪F)-D = _____

12) F = _____

13) CDF = _____

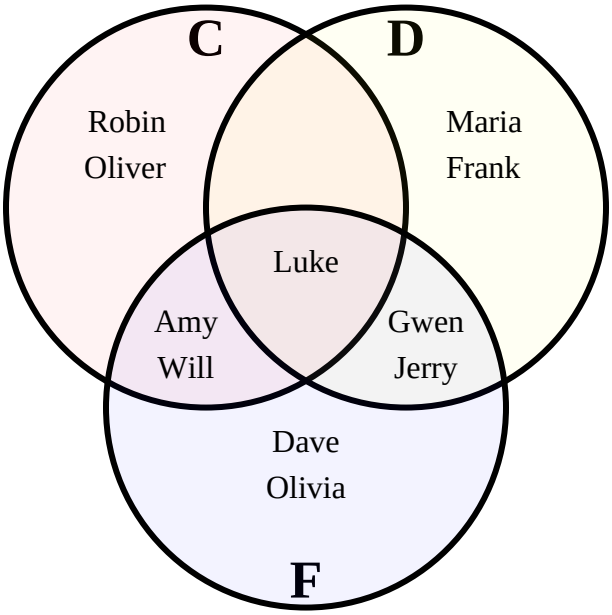
Answers

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?

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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∪C = {Amy,Frank,Gwen,Jerry,Luke,Maria,Oliver,Robin,Will}

8) F∩C = {Amy,Luke,Will}

9) D-F = {Frank,Maria}

10) (D∩F)-C = {Gwen,Jerry}

11) (C∪F)-D = {Amy,Dave,Oliver,Olivia,Robin,Will}

12) F = {Amy,Dave,Gwen,Jerry,Luke,Olivia,Will}

13) CDF = {Luke}

Answers

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