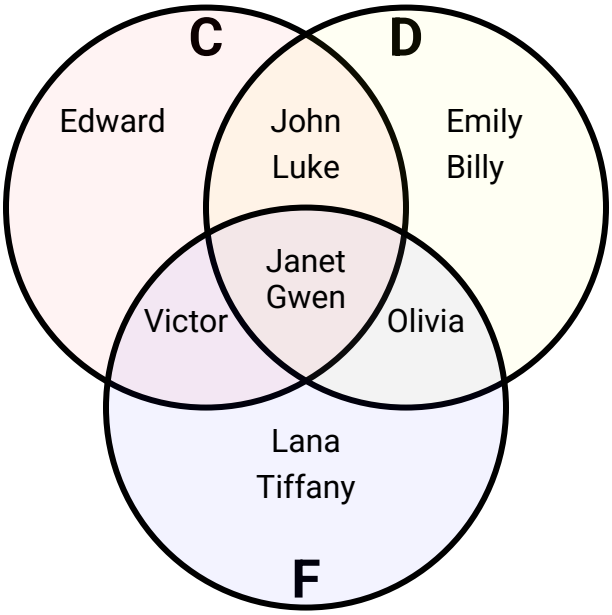
Reading a Venn Diagram

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) D∩C = _____

9) C-F = _____

10) (F∩C)-D = _____

11) (D∪C)-F = _____

12) C = _____

13) FDC = _____

Answers

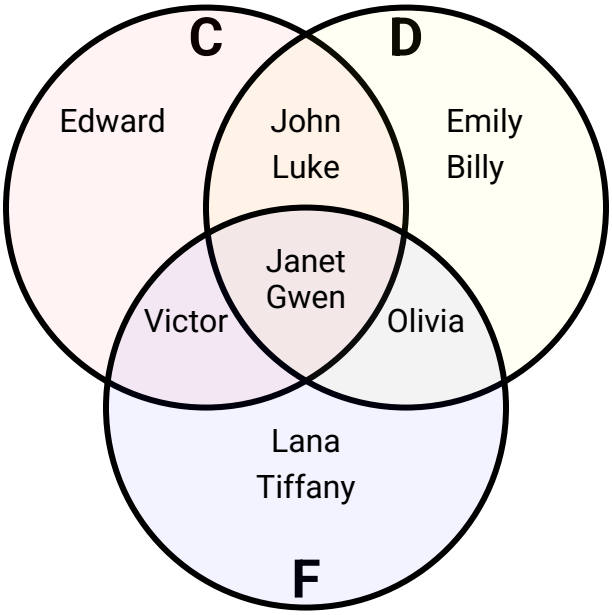
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. Use Line
8. Use Line
9. Use Line
10. Use Line
11. Use Line
12. Use Line
13. Use Line

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) D∪F = {Billy,Emily,Gwen,Janet,John,Lana,Luke,Olivia,Tiffany,Victor}

8) D∩C = {Gwen,Janet,John,Luke}

9) C-F = {Edward,John,Luke}

10) (F∩C)-D = {Victor}

11) (D∪C)-F = {Billy,Edward,Emily,John,Luke}

12) C = {Edward,Gwen,Janet,John,Luke,Victor}

13) FDC = {Gwen,Janet}

Answers

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