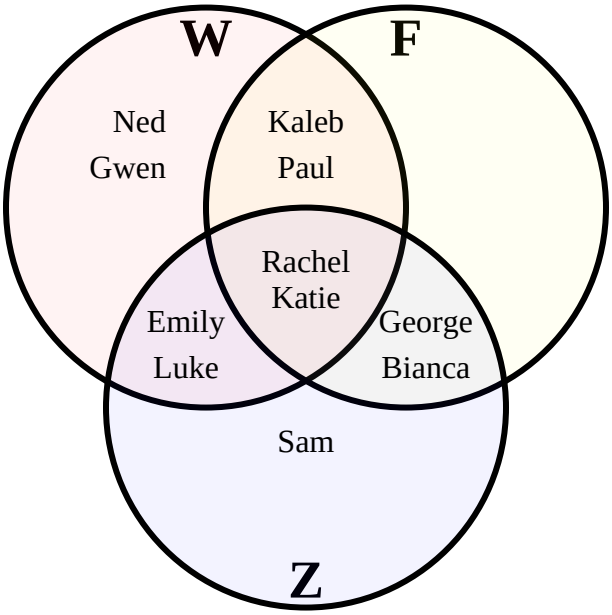
Reading a Venn Diagram

Name:

Solve each problem.



1) How many people had been to the water park?

2) How many people had been to the fair?

3) How many people had been to the zoo?

4) How many people had ONLY been to the water park?

5) How many people had ONLY been to the fair?

6) How many people had ONLY been to the zoo?

7) $Z \cup W =$ _____

8) $W \cap F =$ _____

9) $W - Z =$ _____

10) $(W \cap F) - Z =$ _____

11) $(F \cup Z) - W =$ _____

12) $W =$ _____

13) $ZWF =$ _____

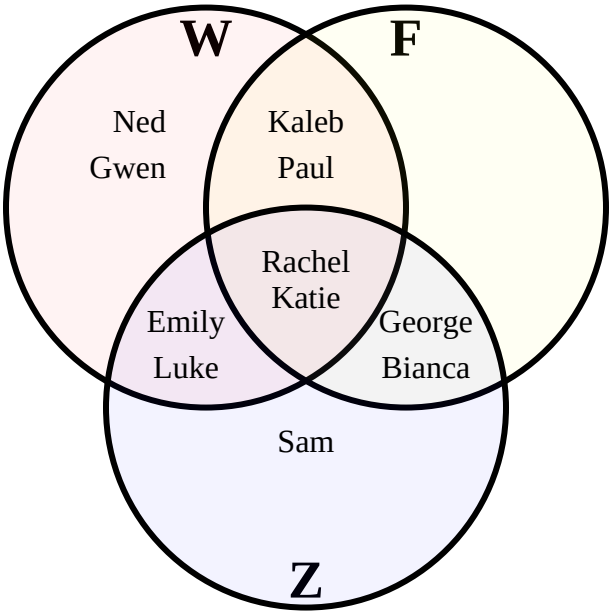
Answers

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 had been to the water park?

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7) Z∪W = {Bianca,Emily,George,Gwen,Kaleb,Katie,Luke,Ned,Paul,Rachel,Sam}

8) W∩F = {Kaleb,Katie,Paul,Rachel}

9) W-Z = {Gwen,Kaleb,Ned,Paul}

10) (W∩F)-Z = {Kaleb,Paul}

11) (F∪Z)-W = {Bianca,George,Sam}

12) W = {Emily,Gwen,Kaleb,Katie,Luke,Ned,Paul,Rachel}

13) ZWF = {Katie,Rachel}

Answers

1. 8
2. 6
3. 7
4. 2
5. 0
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							