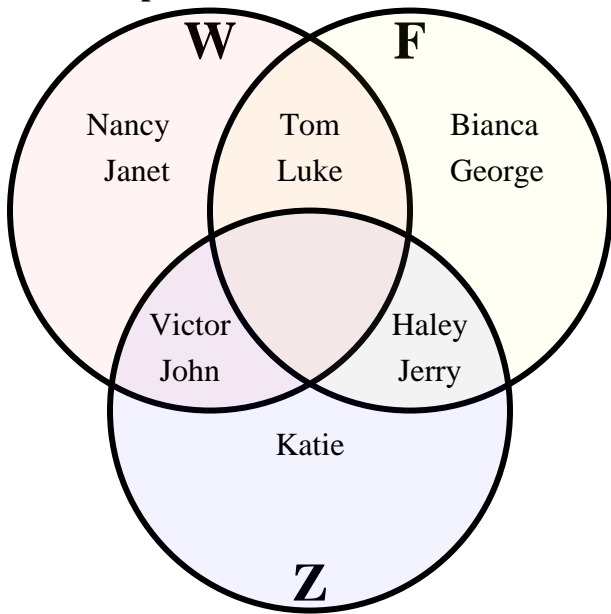




Solve each problem.



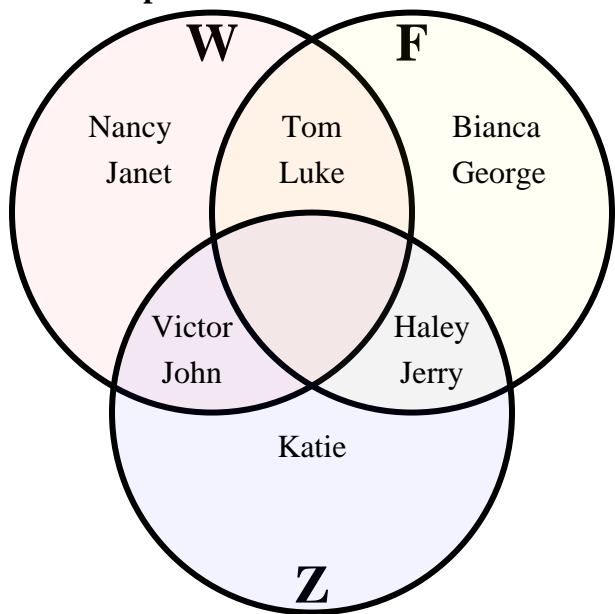
**Answers**

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) 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)  $F \cup W =$  \_\_\_\_\_
- 8)  $F \cap Z =$  \_\_\_\_\_
- 9)  $W - Z =$  \_\_\_\_\_
- 10)  $(W \cap Z) - F =$  \_\_\_\_\_
- 11)  $(F \cup W) - Z =$  \_\_\_\_\_
- 12)  $Z =$  \_\_\_\_\_
- 13)  $Z \cap F \cap W =$  \_\_\_\_\_



Solve each problem.



**Answers**

- 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)  $F \cup W =$  {Bianca,George,Haley,Janet,Jerry,John,Luke,Nancy,Tom,Victor}
- 8)  $F \cap Z =$  {Haley,Jerry}
- 9)  $W - Z =$  {Janet,Luke,Nancy,Tom}
- 10)  $(W \cap Z) - F =$  {John,Victor}
- 11)  $(F \cup W) - Z =$  {Bianca,George,Janet,Luke,Nancy,Tom}
- 12)  $Z =$  {Haley,Jerry,John,Katie,Victor}
- 13)  $Z \cap F \cap W =$  {}

1. 6
2. 6
3. 5
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