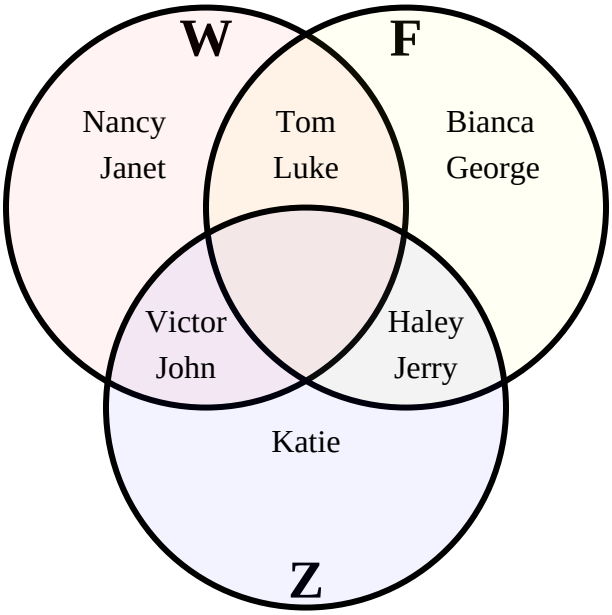
**Solve each problem.**




**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)** F∪W = _____

**8)** F∩Z = _____

**9)** W-Z = _____

**10)** (W∩Z)-F = _____

**11)** (F∪W)-Z = _____

**12)** Z = _____

**13)** ZFW = _____

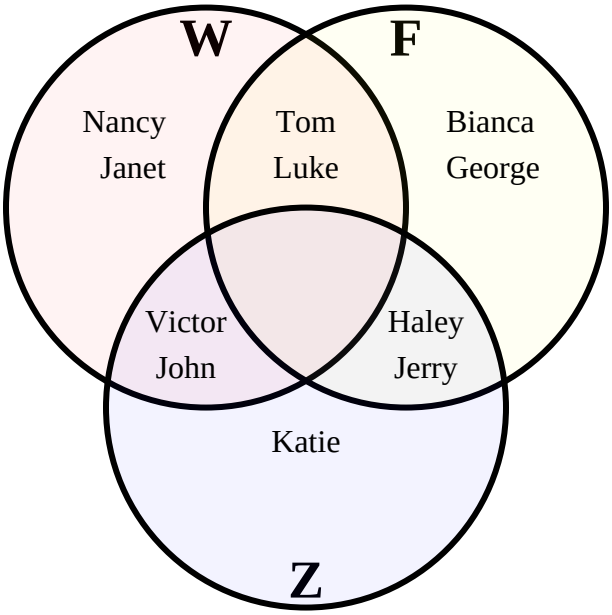
**Answers**

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 | | | | | | | |

**Solve each problem.**

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**7)** F∪W = {Bianca,George,Haley,Janet,Jerry,John,Luke,Nancy,Tom,Victor}

**8)** F∩Z = {Haley,Jerry}

**9)** W-Z = {Janet,Luke,Nancy,Tom}

**10)** (W∩Z)-F = {John,Victor}

**11)** (F∪W)-Z = {Bianca,George,Janet,Luke,Nancy,Tom}

**12)** Z = {Haley,Jerry,John,Katie,Victor}

**13)** ZFW = {}

**Answers**

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



| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1-10 | 92 | 85 | 77 | 69 | 62 | 54 | 46 | 38 | 31 | 23 |
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