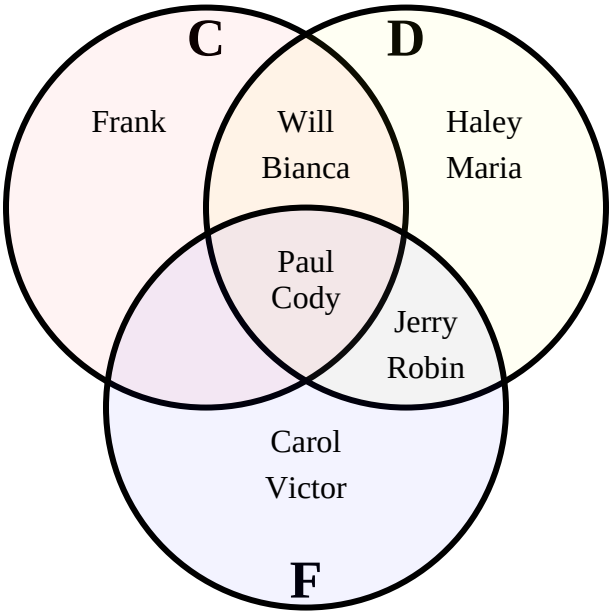
# Reading a Venn Diagram

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)** F∪D = _____

**8)** F∩D = _____

**9)** D-C = _____

**10)** (D∩C)-F = _____

**11)** (D∪F)-C = _____

**12)** C = _____

**13)** FCD = _____

**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 | | | | | | | |

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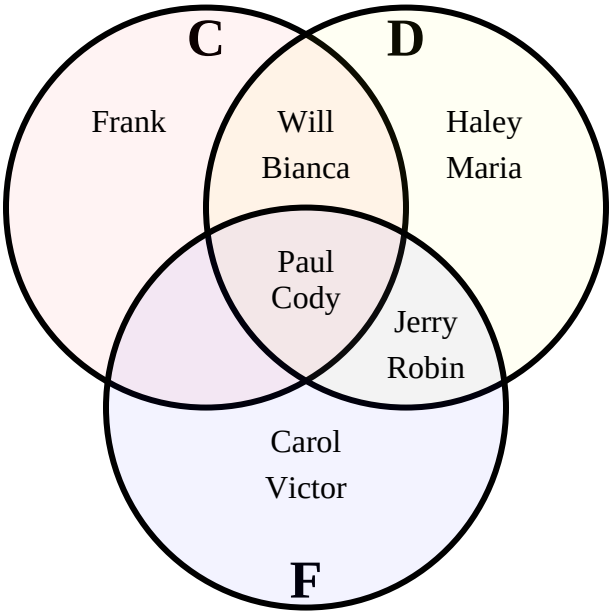


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**7)** F∪D = {Bianca,Carol,Cody,Haley,Jerry,Maria,Paul,Robin,Victor,Will}

**8)** F∩D = {Cody,Jerry,Paul,Robin}

**9)** D-C = {Haley,Jerry,Maria,Robin}

**10)** (D∩C)-F = {Bianca,Will}

**11)** (D∪F)-C = {Carol,Haley,Jerry,Maria,Robin,Victor}

**12)** C = {Bianca,Cody,Frank,Paul,Will}

**13)** FCD = {Cody,Paul}

**Answers**

1. 5
2. 8
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



| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
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