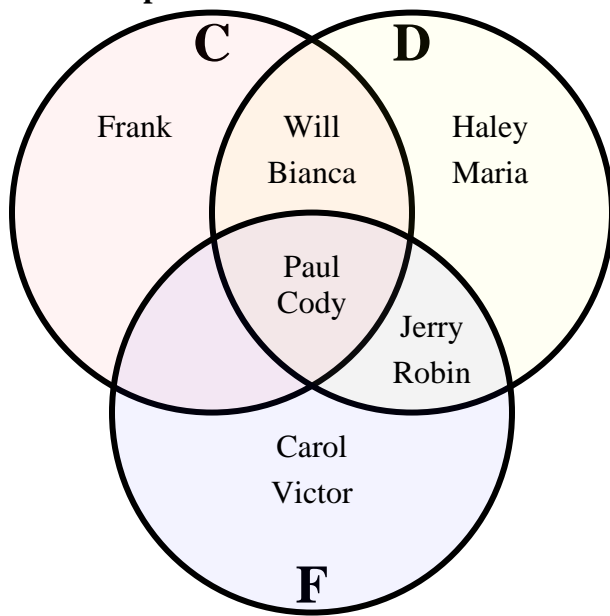**Solve each problem.**

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 owned a cat?

2) How many people owned a dog?

3) How many people owned a fish?
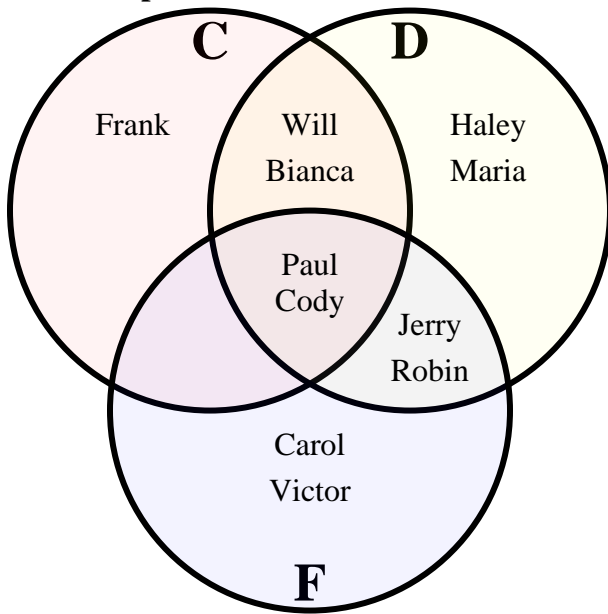
4) How many people owned ONLY a cat?

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 = _____

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Name:

Solve each problem.

C   D

Frank   Will   Haley
        Bianca   Maria
            Paul
            Cody
                Jerry
                Robin
        Carol
        Victor
            F

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**

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) $F \cup D$ = _____ {Bianca,Carol,Cody,Haley,Jerry,Maria,Paul,Robin,Victor,Will}

8) $F \cap D$ = _____ {Cody,Jerry,Paul,Robin}

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

10) $(D \cap C)$-F = _____ {Bianca,Will}

11) $(D \cup F)$-C = _____ {Carol,Haley,Jerry,Maria,Robin,Victor}

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

13) FCD = _____ {Cody,Paul}

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							