Reading a Venn Diagram

Name:

The diagram below shows which pet students own. Cat (C), Dog (D) and Fish(F). Use the diagram to answer the questions.

C
D

Heath   Mary   Dan
Larry

Cathy
Fran

Jane   Kelly
                 Gary

Anne
Ed

F

1) How many people owned a cat?

2) (D∩C)-F = _____

3) C∩D = _____

4) How many people owned a dog?

5) How many people owned a dog?

6) (F∪C)-D = _____

7) C∪F = _____

8) How many people owned ONLY a fish?

9) F-D = _____

10) How many people owned ONLY a dog?

11) How many people owned ONLY a cat?

12) C = _____

13) DCF = _____

1. _____

2. **Use Line**

3. **Use Line**

4. _____

5. _____

6. **Use Line**

7. **Use Line**

8. _____

9. **Use Line**

10. _____

11. _____

12. **Use Line**

13. **Use Line**

Math

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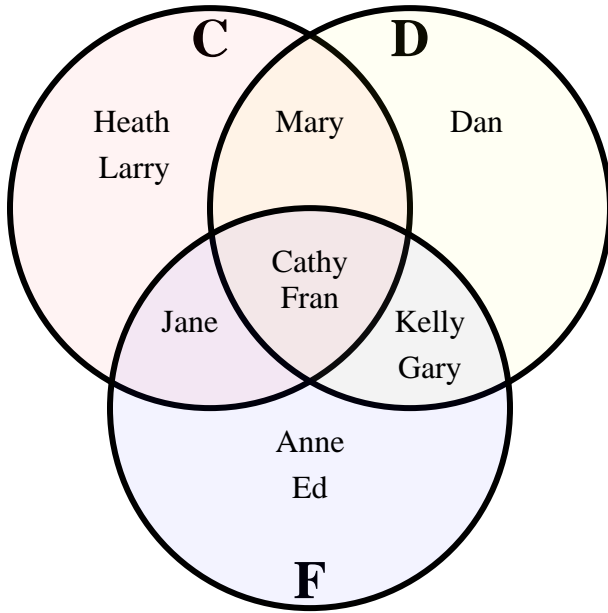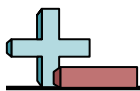| 1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Name:

The diagram below shows which pet students own. Cat (C), Dog (D) and Fish(F). Use the diagram to answer the questions.

Answers

C **D**

Heath   Mary   Dan
Larry

Cathy
Fran

Jane   Kelly
        Gary

Anne
Ed

F
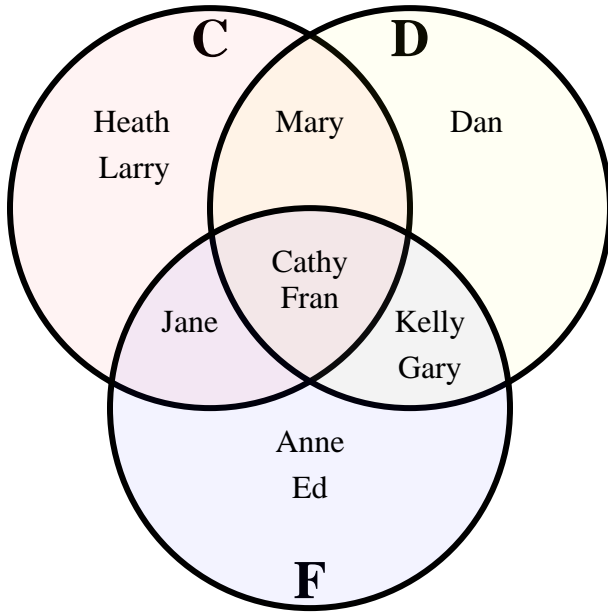
1. _____ **6**

2. _____ **Use Line**

3. _____ **Use Line**

4. _____ **6**

5. _____ **6**

6. _____ **Use Line**

7. _____ **Use Line**

8. _____ **2**

9. _____ **Use Line**

10. _____ **1**

11. _____ **2**

12. _____ **Use Line**

13. _____ **Use Line**

1) How many people owned a cat?

2) $(D \cap C)-F =$ _____ {Mary}

3) $C \cap D =$ _____ {Cathy,Fran,Mary}

4) How many people owned a dog?

5) How many people owned a dog?

6) $(F \cup C)-D =$ _____ {Anne,Ed,Heath,Jane,Larry}

7) $C \cup F =$ _____ {Anne,Cathy,Ed,Fran,Gary,Heath,Jane,Kelly,Larry,Mary}

8) How many people owned ONLY a fish?

9) $F-D =$ _____ {Anne,Ed,Jane}

10) How many people owned ONLY a dog?

11) How many people owned ONLY a cat?

12) $C =$ _____ {Cathy,Fran,Heath,Jane,Larry,Mary}

13) $DCF =$ _____ {Cathy,Fran}

Math

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