Reading a Venn Diagram

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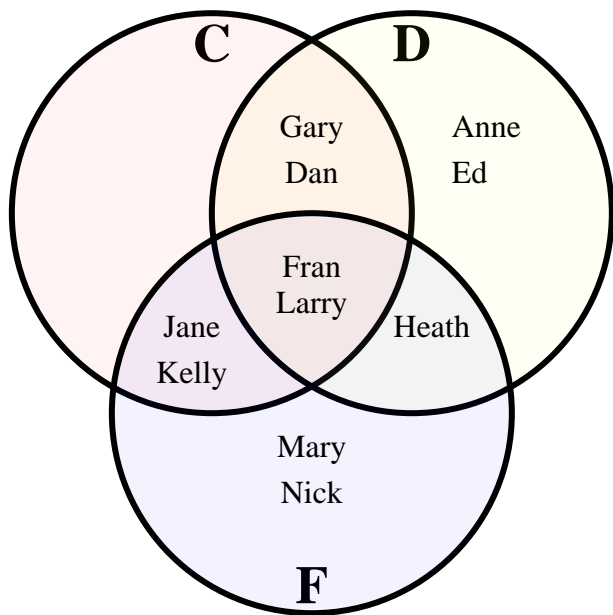
The diagram below shows which pet students own. Cat (C), Dog (D) and Fish(F). Use the diagram to answer the questions.

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?_____

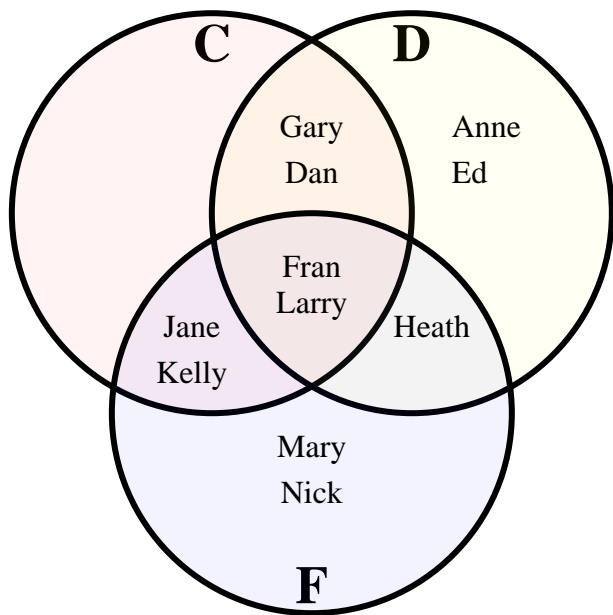5) How many people owned ONLY a dog?_____

6) How many people owned ONLY a fish? _____

7) D∪F = _____

8) F∩C = _____

9) D-F = _____

10) (F∩C)-D = _____

11) (D∪F)-C = _____

12) F = _____

13) CDF = _____

1.	_____
2.	_____
3.	_____
4.	_____
5.	_____
6.	_____
7.	**Line**
8.	**Line**
9.	**Line**
10.	**Line**
11.	**Line**
12.	**Line**
13.	**Line**

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

Name: **Answer Key**

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

C   D

Gary   Anne
Dan   Ed

Fran
Larry
Jane   Heath
Kelly

Mary
Nick

F

1) How many people owned a cat? _____6_____

2) How many people owned a dog? _____7_____

3) How many people owned a fish? _____7_____

4) How many people owned ONLY a cat? _____0_____

5) How many people owned ONLY a dog? _____2_____

6) How many people owned ONLY a fish? _____2_____

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

8) $F \cap C =$ _____{Fran, Jane, Kelly, Larry}_____

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

10) $(F \cap C) - D =$ _____{Jane, Kelly}_____

11) $(D \cup F) - C =$ _____{Anne, Ed, Heath, Mary, Nick}_____

12) $F =$ _____{Fran, Heath, Jane, Kelly, Larry, Mary, Nick}_____

13) $CDF =$ _____{Fran, Larry}_____

1.	**6**
2.	**7**
3.	**7**
4.	**0**
5.	**2**
6.	**2**
7.	**Line**
8.	**Line**
9.	**Line**
10.	**Line**
11.	**Line**
12.	**Line**
13.	**Line**

Math

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