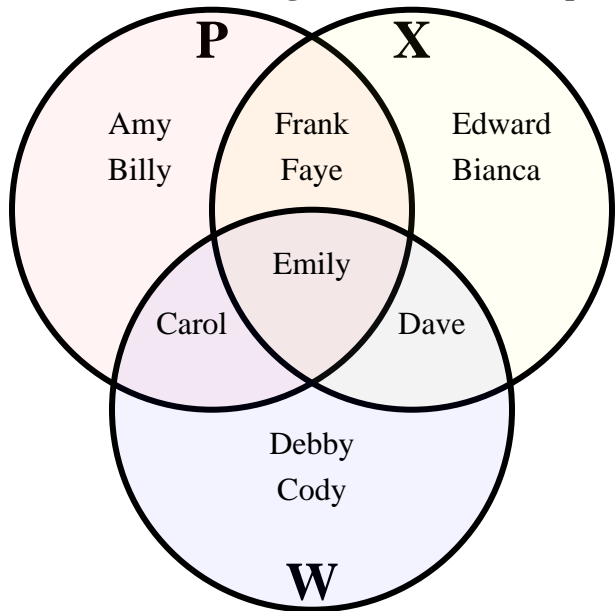The diagram below shows which game console students own. Playstation (P), Xbox (X) and WiiU(W). Use the diagram to answer the questions.

P   X

Amy   Frank   Edward
Billy   Faye   Bianca

Emily

Carol   Dave

Debby
Cody

W

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 Playstation?

2) How many people owned a Xbox?

3) How many people owned a WiiU?

4) How many people owned ONLY a Playstation?

5) How many people owned ONLY a Xbox?

6) How many people owned ONLY a WiiU?

7) $X \cup P =$ _____

8) $X \cap P =$ _____
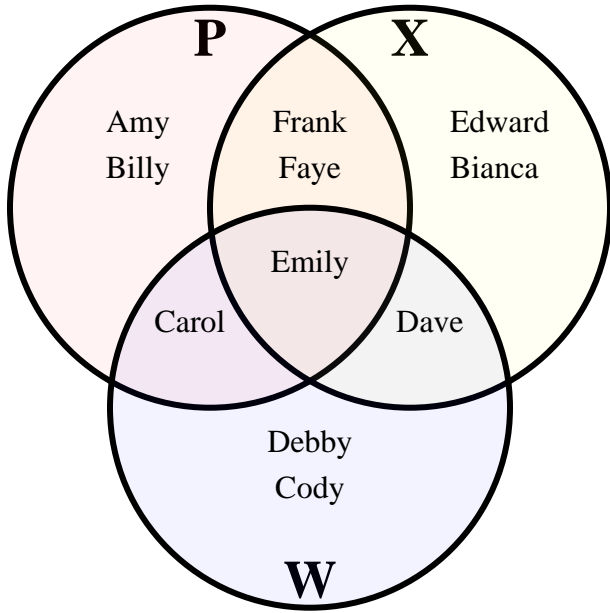
9) W-X = _____

10) $(W \cap X)-P =$ _____

11) $(P \cup W)-X =$ _____

12) X = _____

13) XWP = _____

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

Name:

The diagram below shows which game console students own. Playstation (P), Xbox (X) and WiiU(W). Use the diagram to answer the questions.

Answers

P   **X**

Amy   Frank   Edward
Billy   Faye   Bianca

Emily

Carol   Dave

Debby
Cody

W

1.	**6**
2.	**6**
3.	**5**
4.	**2**
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 Playstation?

2) How many people owned a Xbox?

3) How many people owned a WiiU?

4) How many people owned ONLY a Playstation?

5) How many people owned ONLY a Xbox?

6) How many people owned ONLY a WiiU?

7) X∪P = {Amy,Bianca,Billy,Carol,Dave,Edward,Emily,Faye,Frank}

8) X∩P = {Emily,Faye,Frank}

9) W-X = {Carol,Cody,Debby}

10) (W∩X)-P = {Dave}

11) (P∪W)-X = {Amy,Billy,Carol,Cody,Debby}

12) X = {Bianca,Dave,Edward,Emily,Faye,Frank}

13) XWP = {Emily}

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