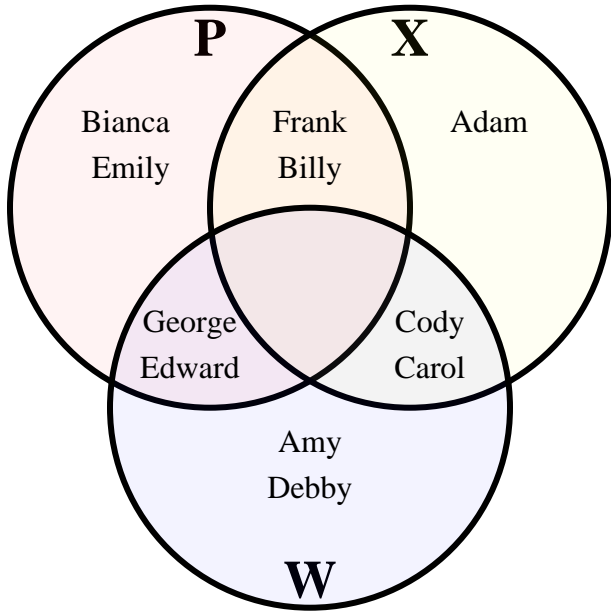




The diagram below shows which game console students own. Playstation (P), Xbox (X) and WiiU(W). Use the diagram to answer the questions.



**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. Use Line

8. Use Line

9. Use Line

10. Use Line

11. Use Line

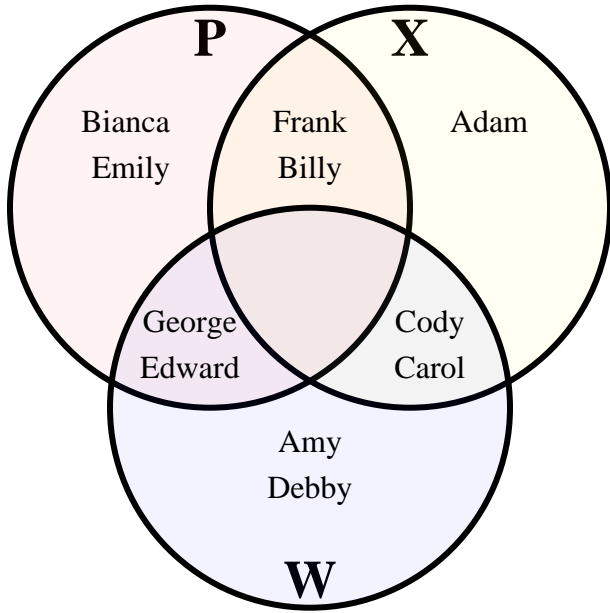
12. Use Line

13. Use Line

- 1) 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)  $X \cup W =$  \_\_\_\_\_
- 8)  $W \cap X =$  \_\_\_\_\_
- 9)  $W - X =$  \_\_\_\_\_
- 10)  $(P \cap W) - X =$  \_\_\_\_\_
- 11)  $(P \cup W) - X =$  \_\_\_\_\_
- 12)  $W =$  \_\_\_\_\_
- 13)  $XPW =$  \_\_\_\_\_



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



Answers

- 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)  $X \cup W =$  {Adam,Amy,Billy,Carol,Cody,Debby,Edward,Frank,George}
- 8)  $W \cap X =$  {Carol,Cody}
- 9)  $W - X =$  {Amy,Debby,Edward,George}
- 10)  $(P \cap W) - X =$  {Edward,George}
- 11)  $(P \cup W) - X =$  {Amy,Bianca,Debby,Edward,Emily,George}
- 12)  $W =$  {Amy,Carol,Cody,Debby,Edward,George}
- 13)  $X \cap P \cap W =$  {}

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