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

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) $P \cup X =$ _____________________________

8) $W \cap X =$ _____________________________

9) $W - X =$ _____________________________

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

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

12) $X =$ _____________________________

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

1) How many people owned a Playstation? ________ 8 ________
2) How many people owned a Xbox? ________ 5 ________
3) How many people owned a WiiU? ________ 7 ________
4) How many people owned ONLY a Playstation? ________ 2 ________
5) How many people owned ONLY a Xbox? ________ 0 ________
6) How many people owned ONLY a WiiU? ________ 2 ________

7) \( P \cup X \) = \{Anne, Bill, Dan, Ed, Fran, Gary, Jane, Larry, Nick\}
8) \( W \cap X \) = \{Bill, Dan, Ed\}
9) \( W - X \) = \{Cathy, Gary, Jane, Kelly\}
10) \( (P \cap W) - X \) = \{Gary, Jane\}
11) \( (W \cup X) - P \) = \{Cathy, Dan, Kelly\}
12) \( X \) = \{Anne, Bill, Dan, Ed, Nick\}
13) \( PXW \) = \{Bill, Ed\}