The diagram below shows the different places students had been in the last year. Water Park (W), Fair (F) and Zoo (Z). Use the diagram to answer the questions.

1) How many people had been to the water park? ____________

2) How many people had been to the fair? ____________

3) How many people had been to the zoo? ____________

4) How many people had ONLY been to the water park? ____________

5) How many people had ONLY been to the fair? ____________

6) How many people had ONLY been to the zoo? ____________

7) \(Z \cup W = \) ______________________________________________________________________

8) \(Z \cap F = \) ______________________________________________________________________

9) \(F - W = \) ______________________________________________________________________

10) \((F \cap W) - Z = \) ______________________________________________________________________

11) \((F \cup Z) - W = \) ______________________________________________________________________

12) \(Z = \) ______________________________________________________________________

13) \(FWZ = \) ______________________________________________________________________
The diagram below shows the different places students had been in the last year. Water Park (W), Fair (F) and Zoo (Z). Use the diagram to answer the questions.

1) How many people had been to the water park? 6
2) How many people had been to the fair? 8
3) How many people had been to the zoo? 7
4) How many people had ONLY been to the water park? 0
5) How many people had ONLY been to the fair? 2
6) How many people had ONLY been to the zoo? 1
7) \( Z \cup W = \) \{Anne, Cathy, Dan, Fran, Gary, Kelly, Larry, Mary, Nick\}
8) \( Z \cap F = \) \{Anne, Kelly, Larry, Mary\}
9) \( F - W = \) \{Ed, Jane, Kelly, Mary\}
10) \( (F \cap W) - Z = \) \{Fran, Gary\}
11) \( (F \cup Z) - W = \) \{Cathy, Ed, Jane, Kelly, Mary\}
12) \( Z = \) \{Anne, Cathy, Dan, Kelly, Larry, Mary, Nick\}
13) \( FWZ = \) \{Anne, Larry\}