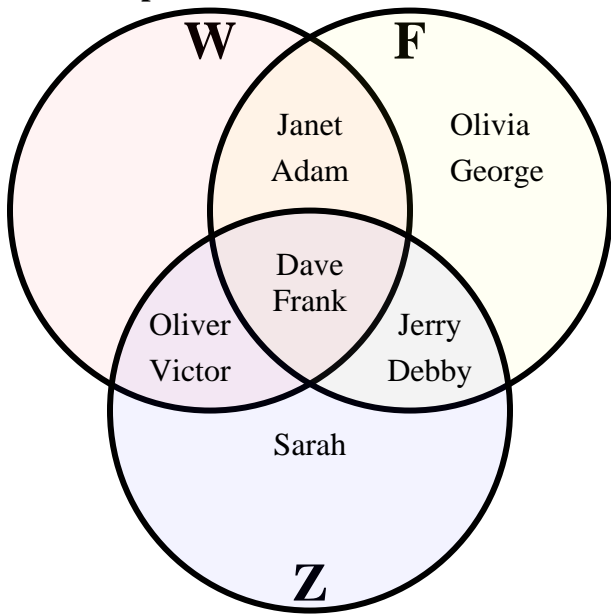




Solve each problem.



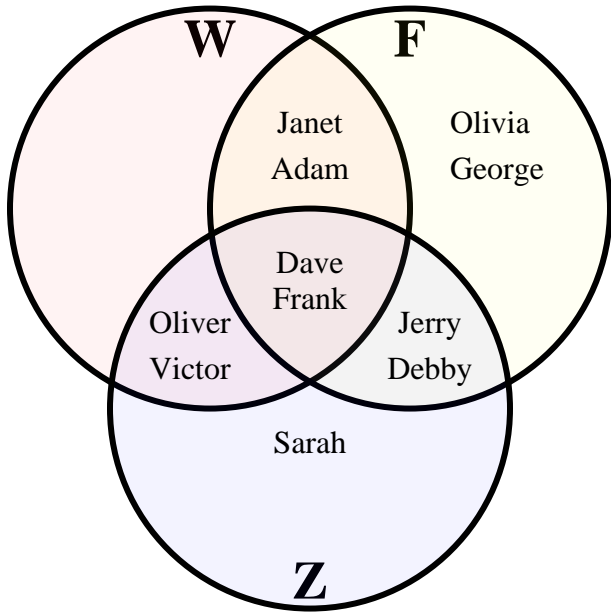
**Answers**

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 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)  $W \cup F =$  \_\_\_\_\_
- 8)  $W \cap F =$  \_\_\_\_\_
- 9)  $W - Z =$  \_\_\_\_\_
- 10)  $(F \cap W) - Z =$  \_\_\_\_\_
- 11)  $(W \cup F) - Z =$  \_\_\_\_\_
- 12)  $W =$  \_\_\_\_\_
- 13)  $Z \cap F \cap W =$  \_\_\_\_\_



Solve each problem.



**Answers**

- 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)  $W \cup F =$  { Adam, Dave, Debby, Frank, George, Janet, Jerry, Oliver, Olivia, Victor }
- 8)  $W \cap F =$  { Adam, Dave, Frank, Janet }
- 9)  $W - Z =$  { Adam, Janet }
- 10)  $(F \cap W) - Z =$  { Adam, Janet }
- 11)  $(W \cup F) - Z =$  { Adam, George, Janet, Olivia }
- 12)  $W =$  { Adam, Dave, Frank, Janet, Oliver, Victor }
- 13)  $Z \cap W =$  { Dave, Frank }

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