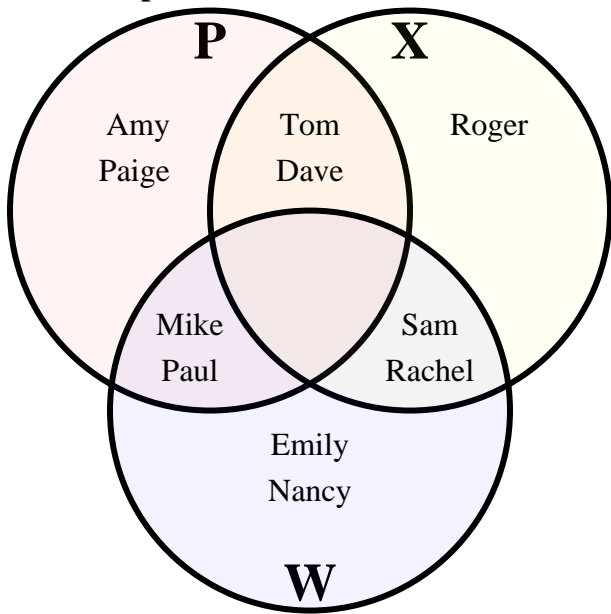




Solve each problem.



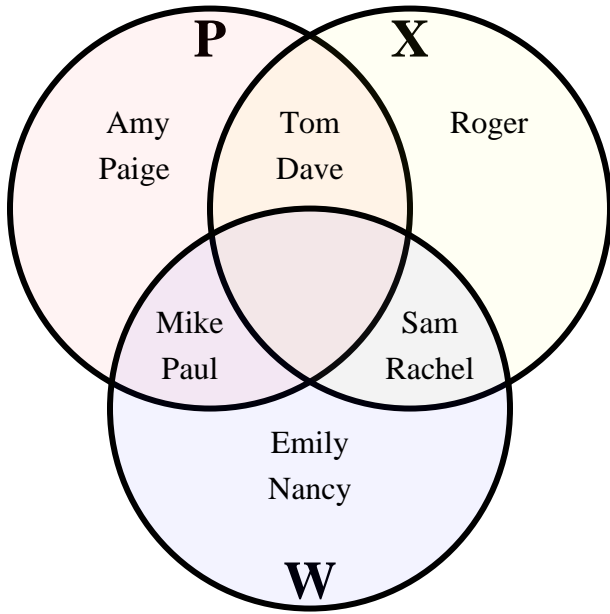
**Answers**

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 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)  $XPW =$  \_\_\_\_\_



Solve each problem.



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)  $X \cup W =$  {Dave,Emily,Mike,Nancy,Paul,Rachel,Roger,Sam,Tom}
- 8)  $W \cap X =$  {Rachel,Sam}
- 9)  $W - X =$  {Emily,Mike,Nancy,Paul}
- 10)  $(P \cap W) - X =$  {Mike,Paul}
- 11)  $(P \cup W) - X =$  {Amy,Emily,Mike,Nancy,Paige,Paul}
- 12)  $W =$  {Emily,Mike,Nancy,Paul,Rachel,Sam}
- 13)  $XPW =$  {}

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