Name: _____

Solve each problem.

P

X

Amy
Paige
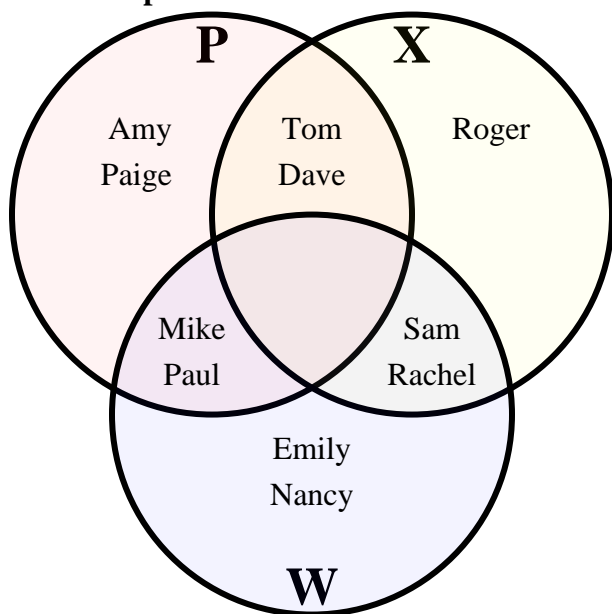
Tom
Dave

Roger

Mike
Paul

Sam
Rachel

Emily
Nancy

W

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?

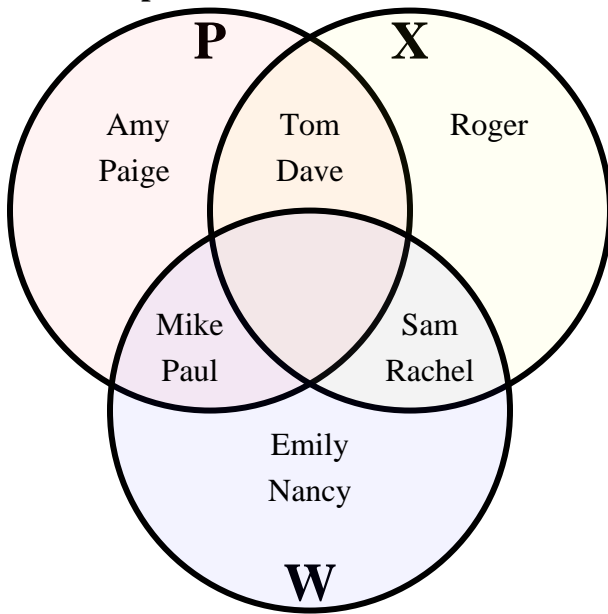**4)** How many people owned ONLY a Playstation?

5) How many people owned ONLY a Xbox?

6) How many people owned ONLY a WiiU?

7) X∪W = _____

8) W∩X = _____

9) W-X = _____

10) (P∩W)-X = _____

11) (P∪W)-X = _____

12) W = _____

13) XPW = _____

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Solve each problem.

Answers

P

X

Amy
Paige

Tom
Dave

Roger

Mike
Paul

Sam
Rachel

Emily
Nancy

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**

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∪W = _____ {Dave,Emily,Mike,Nancy,Paul,Rachel,Roger,Sam,Tom}

8) W∩X = _____ {Rachel,Sam}

9) W-X = _____ {Emily,Mike,Nancy,Paul}

10) (P∩W)-X = _____ {Mike,Paul}

11) (P∪W)-X = _____ {Amy,Emily,Mike,Nancy,Paige,Paul}

12) W = _____ {Emily,Mike,Nancy,Paul,Rachel,Sam}

13) XPW = _____ { }

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							