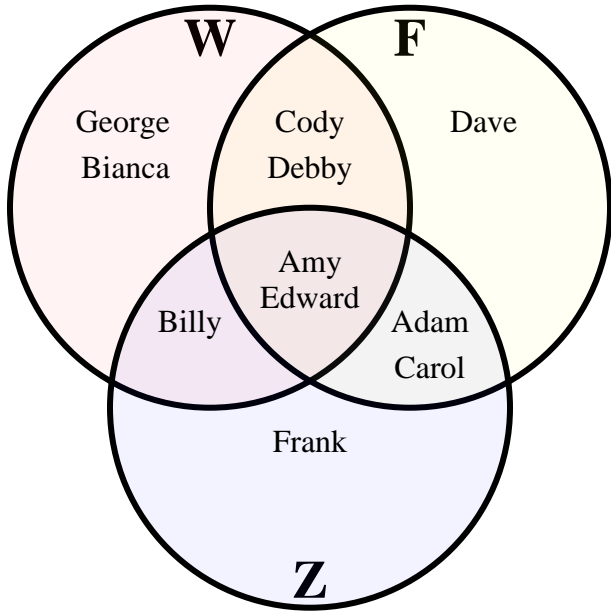Reading a Venn Diagram   Name:

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.
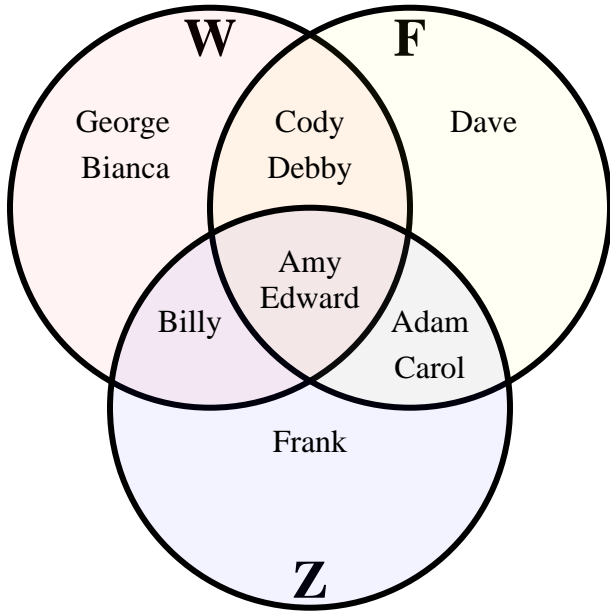

Answers

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∪F = _____

8) Z∩F = _____

9) F-Z = _____

10) (F∩W)-Z = _____

11) (F∪W)-Z = _____

12) F = _____

13) ZWF = _____

Math   www.CommonCoreSheets.com   8

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

Name:

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.

W F

George
Bianca

Cody
Debby

Dave

Amy
Edward

Billy

Adam
Carol

Frank

Z

1. **7**

2. **7**

3. **6**

4. **2**

5. **1**

6. **1**

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∪F = {Adam,Amy,Bianca,Billy,Carol,Cody,Dave,Debby,Edward,George}

8) Z∩F = {Adam,Amy,Carol,Edward}

9) F-Z = {Cody,Dave,Debby}

10) (F∩W)-Z = {Cody,Debby}

11) (F∪W)-Z = {Bianca,Cody,Dave,Debby,George}

12) F = {Adam,Amy,Carol,Cody,Dave,Debby,Edward}

13) ZWF = {Amy,Edward}

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