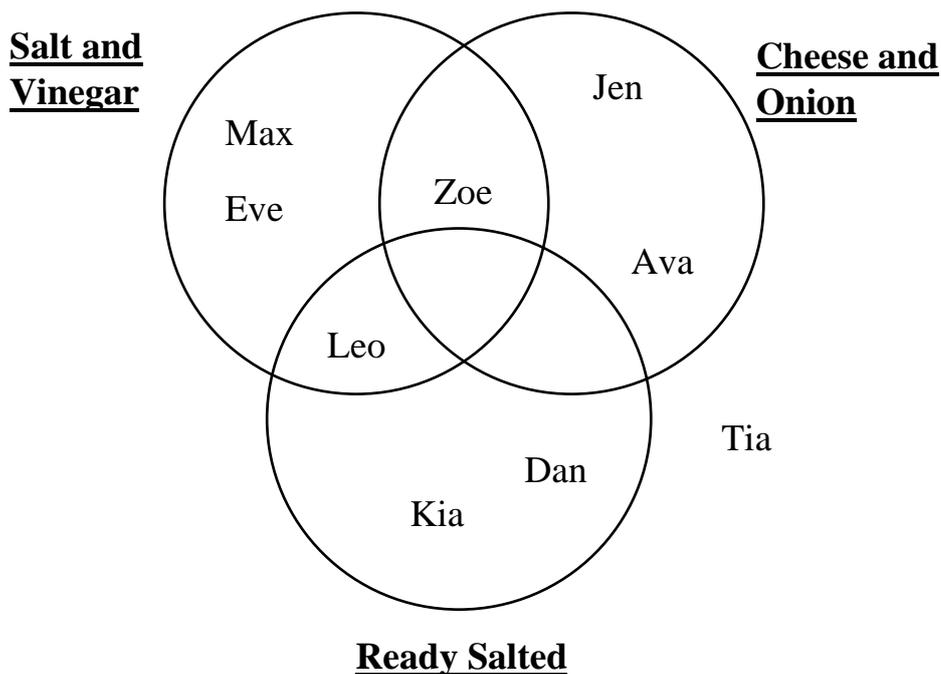


Q4 (Venn Diagram) Day 9 Name: _____

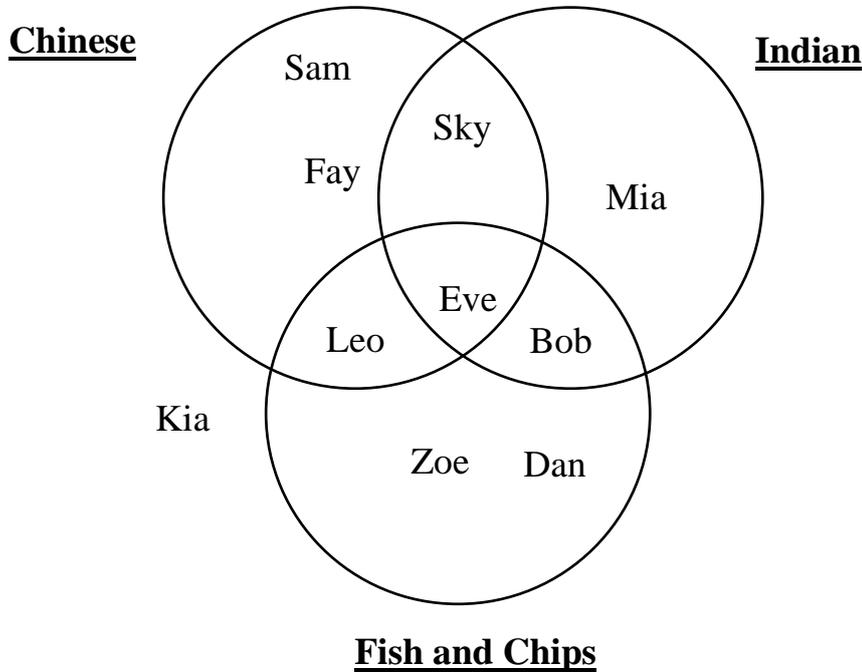
1. A survey was carried out to find the **crisp flavours 10 different people enjoy**. The **Venn diagram** below shows the results of the survey. Look at the **4 statements** below. Using the Venn diagram, tick **True** or **False** for each statement.



- **Leo and Zoe like Cheese and Onion**
- **Tia likes Salt and Vinegar**
- **6 people do not like Ready Salted**
- **Zoe likes Salt and Vinegar and Cheese and onion.**

True False

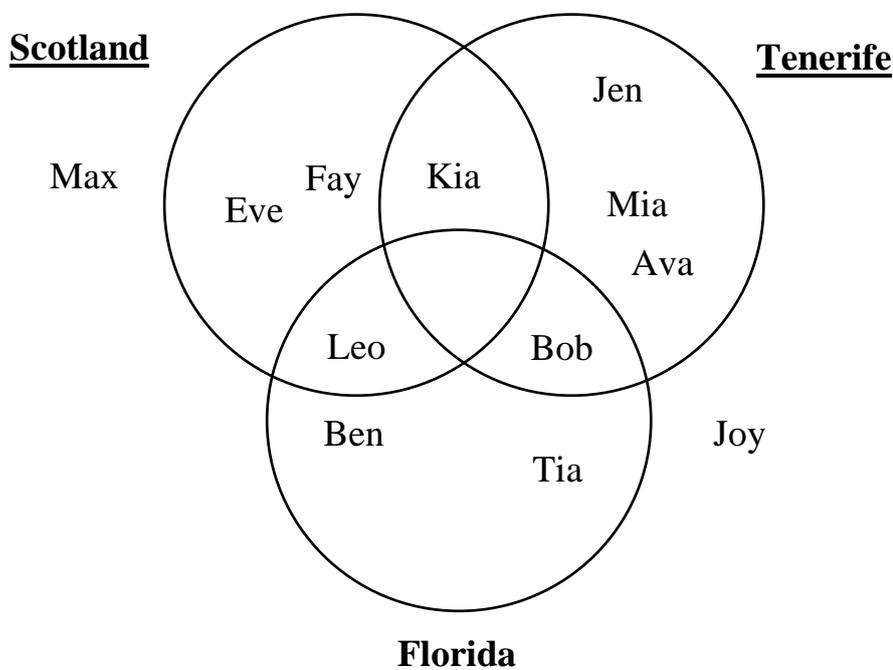
2. A survey was carried out to find the **takeaways 10 different people enjoy**. The **Venn diagram** below shows the results of the survey. Look at the **4 statements** below. Using the Venn diagram, tick **True** or **False** for each statement.



- **Kia only likes Fish and Chips**
- **Eve likes all the takeaways**
- **5 people like Chinese**
- **7 people do not like Indian**

True	False

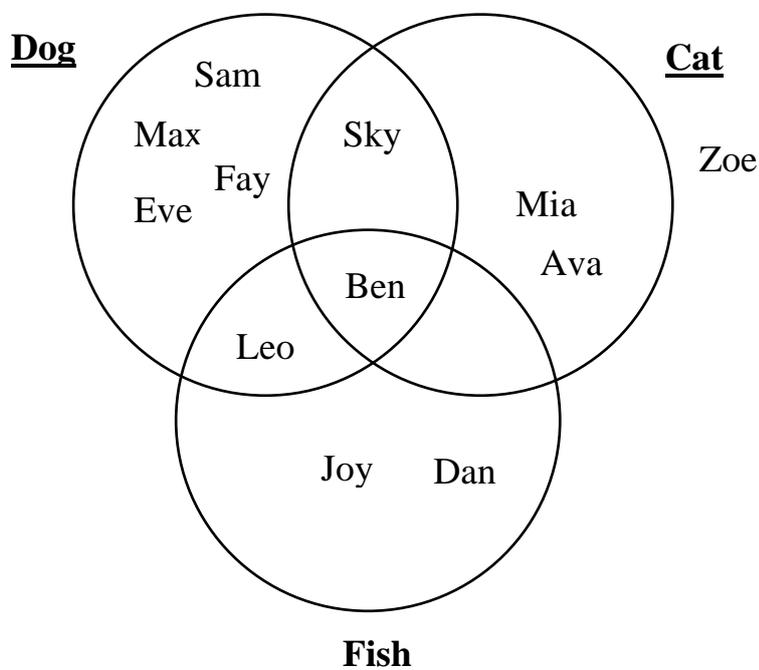
4. A survey was carried out to find the **holiday destinations 12 different people enjoy**. The **Venn diagram** below shows the results of the survey. Look at the **4 statements** below. Using the Venn diagram, tick **True** or **False** for each statement.



- **Five people enjoy Tenerife**
- **Bob enjoys Tenerife and Florida.**
- **8 people do not enjoy Tenerife**
- **Max enjoys Scotland**

True **False**

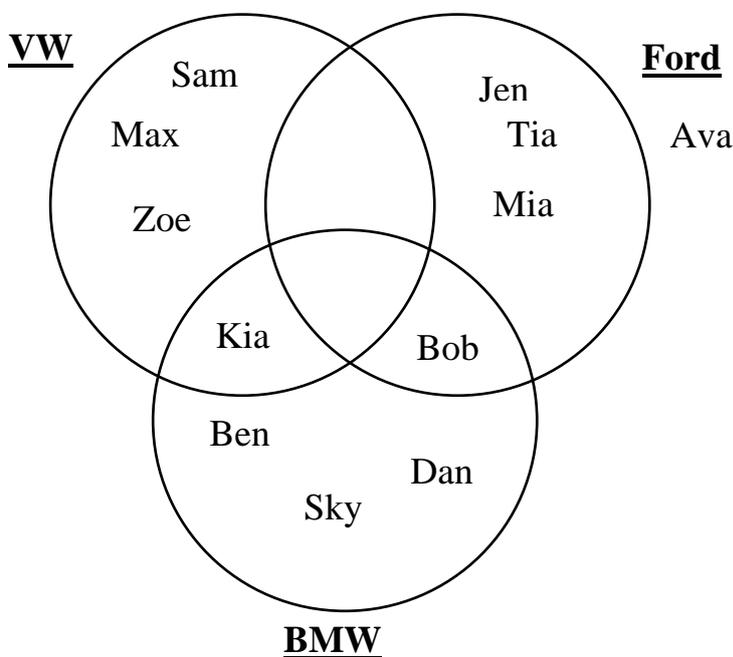
5. A survey was carried out to find the **pets that 12 different people own**. The **Venn diagram** below shows the results of the survey. Look at the **4 statements** below. Using the Venn diagram, tick **True** or **False** for each statement.



- **7 People own a dog**
- **7 people do not own a cat**
- **Leo does not have a fish**
- **Ben owns a dog, cat and a fish**

True False

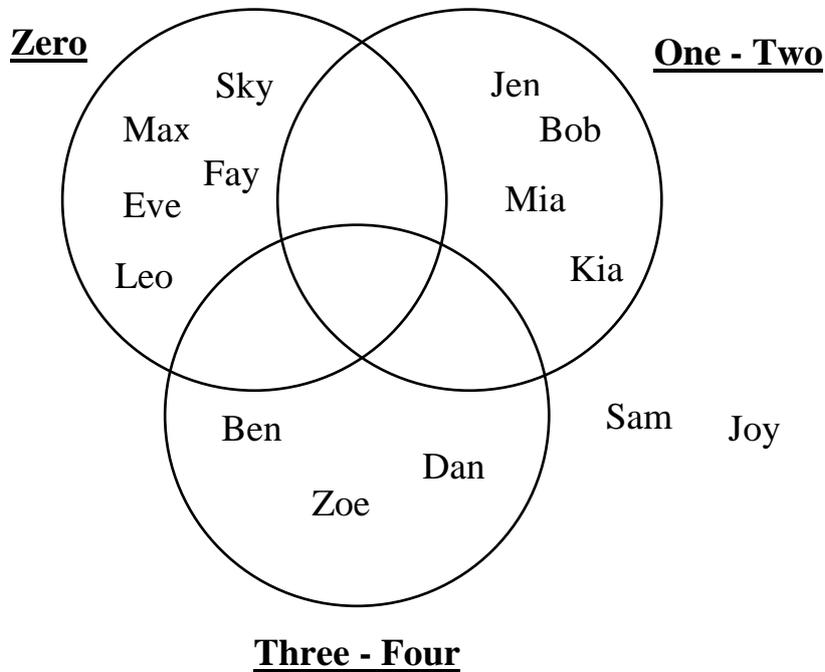
6. A survey was carried out to find the **different cars 12 different people drive**. The **Venn diagram** below shows the results of the survey. Look at the **4 statements** below. Using the Venn diagram, tick **True** or **False** for each statement.



- **Kia had a Ford and a VW**
- **5 people own BMWs**
- **8 people do not own a VW**
- **Ava does not own a ford**

True **False**

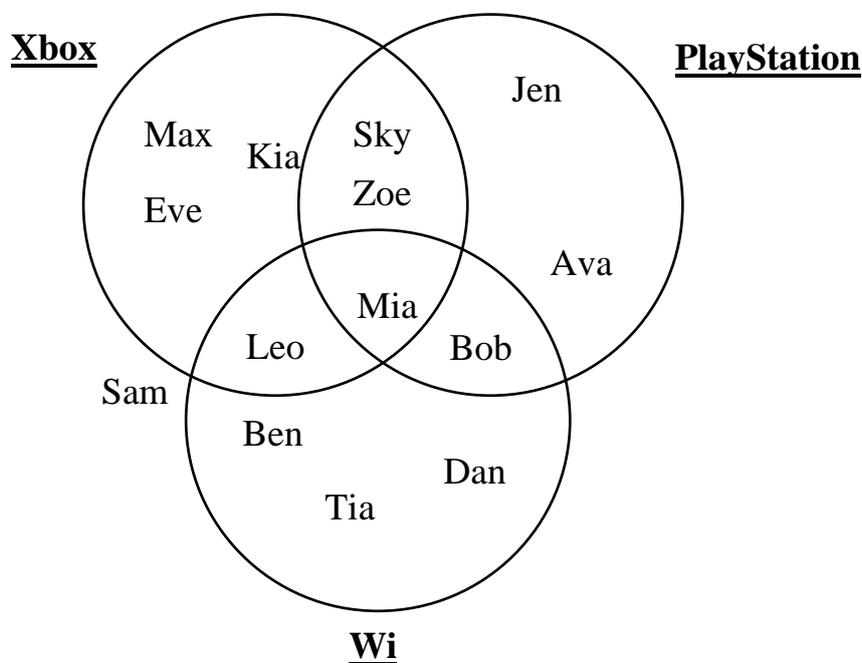
7. A survey was carried out to find the **number of siblings of 14 different people**. The **Venn diagram** below shows the results of the survey. Look at the **4 statements** below. Using the Venn diagram, tick **True** or **False** for each statement.



- **Sam and Joy have more than 4 siblings.**
- **5 people have one – two siblings**
- **6 people have zero siblings**
- **5 people have three – four siblings**

True	False

8. A survey was carried out to find the **games console 14 different people enjoy playing**. The **Venn diagram** below shows the results of the survey. Look at the **4 statements** below. Using the Venn diagram, tick **True** or **False** for each statement.

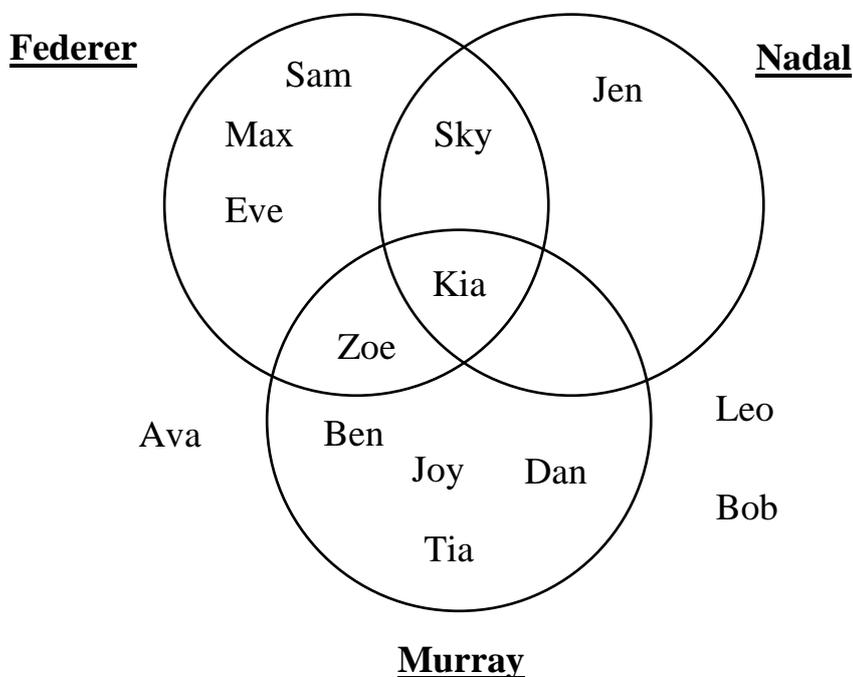


- **Sam enjoys playing the Xbox and Wi**
- **8 people enjoy playing the Xbox**
- **9 people enjoy playing the PlayStation and the Wi**
- **Bob enjoys playing all three**

True **False**

True	False

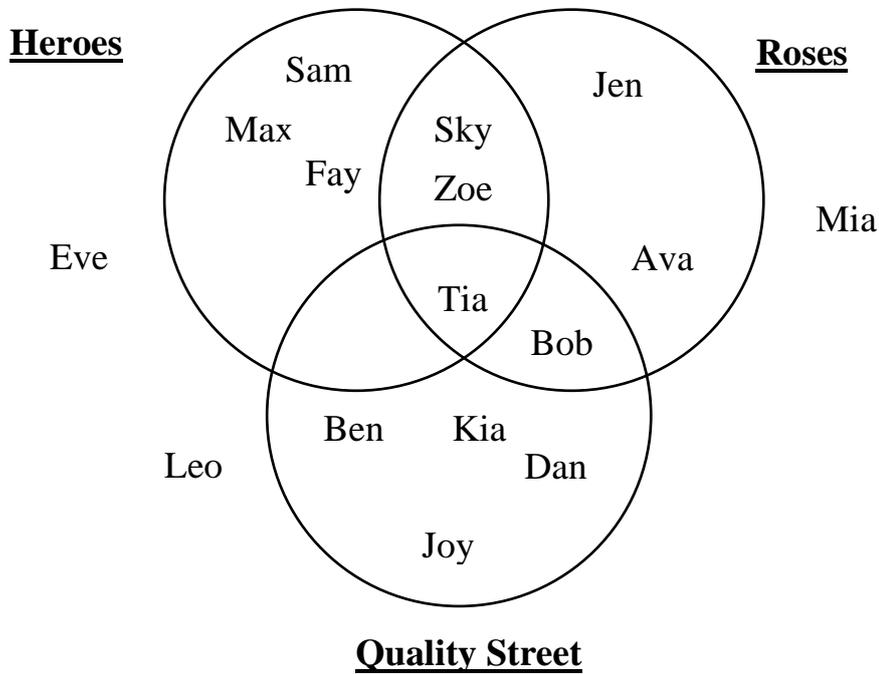
9. A survey was carried out to find **14 different people's favourite tennis player**. The **Venn diagram** below shows the results of the survey. Look at the **4 statements** below. Using the Venn diagram, tick **True** or **False** for each statement.



- **6 people like Murray**
- **7 people like Nadal and Federer**
- **8 people do not like Federer**
- **Kia likes all three tennis players**

True	False

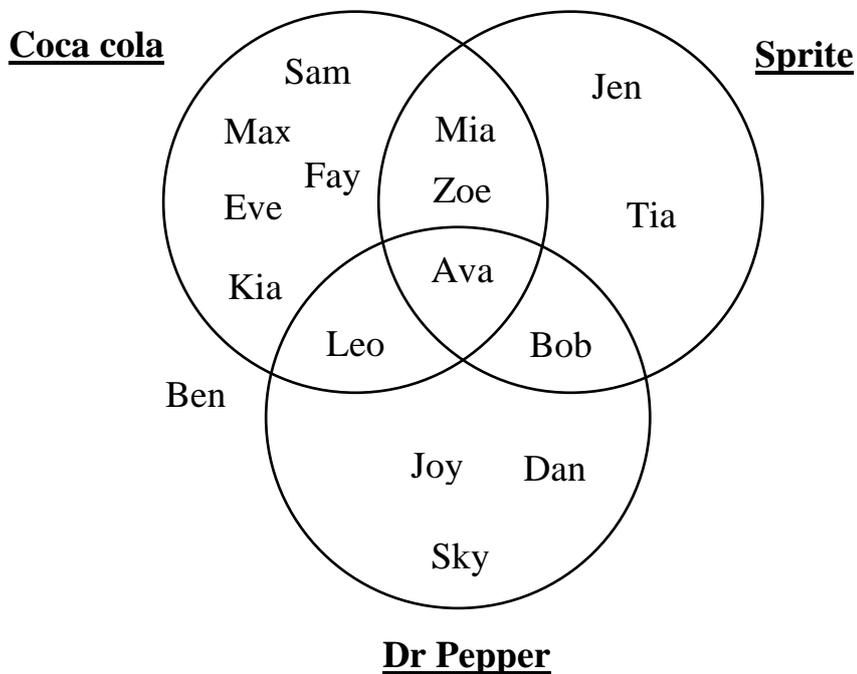
10. A survey was carried out to find the sweets 16 different people enjoy. The Venn diagram below shows the results of the survey. Look at the 4 statements below. Using the Venn diagram, tick **True** or **False** for each statement.



- 4 people do not like any of the sweets
- 9 people like roses and heroes
- 11 do not like heroes
- Bob likes roses and quality street

True	False

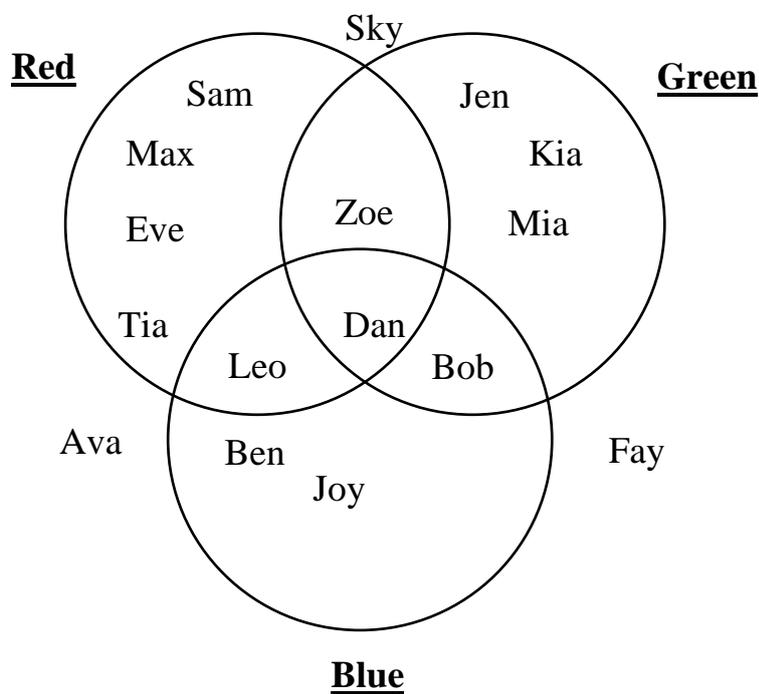
11. A survey was carried out to find the **drink 16 different people enjoy**. The **Venn diagram** below shows the results of the survey. Look at the **4 statements** below. Using the Venn diagram, tick **True** or **False** for each statement.



- **10 people enjoy Coca Cola**
- **10 people enjoy Sprite and Dr. Pepper**
- **10 people do not like Sprite**
- **Mia and Ava like Sprite and Coca Cola**

True **False**

12. A survey was carried out to find the colour 16 different people liked. The Venn diagram below shows the results of the survey. Look at the 4 statements below. Using the Venn diagram, tick **True** or **False** for each statement.



- 11 People like red and green
- Sam, Zoe and Bob all like red
- Bob and Joy like green
- 11 people do not like blue

True	False

Answers

- 1. False False True True**
- 2. False True True False**
- 3. False False False True**
- 4. True True False False**
- 5. True False False True**
- 6. False True True True**
- 7. True False False False**
- 8. False False False False**
- 9. True True True True**
- 10. False True False True**
- 11. False False True True**
- 12. True False False True**