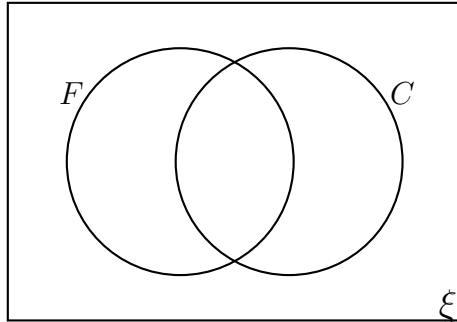


1. A tourist board carried out a survey of visitors on a seaside trip to find out how many visitors eat fish,  $F$  and how many visitors eat chips,  $C$ .

Use the information beside the diagram to complete the Venn diagram below.

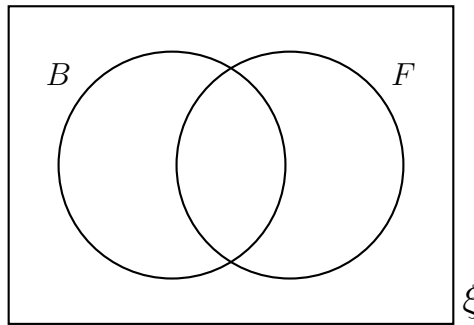


- 90 visitors answered the survey
- 44 visitors eat fish
- 43 visitors eat both fish and chips
- 73 visitors eat fish or chips or both

2. Adnan records the number of library visitors who borrow a biography book,  $B$  and the number of library visitors who borrow a fiction book,  $F$ .

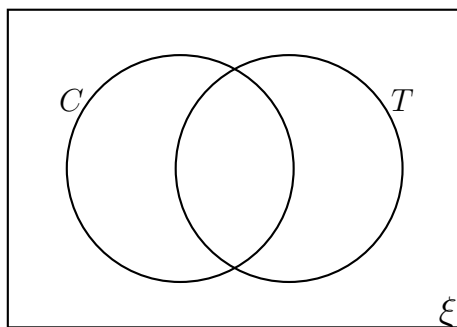
- 16 library visitors borrow a biography book
- 98 library visitors borrow a fiction book
- 5 library visitors borrow both a biography book and a fiction book
- 41 library visitors not borrow either a biography book or a fiction book

Complete this Venn diagram to show Adnan's data.



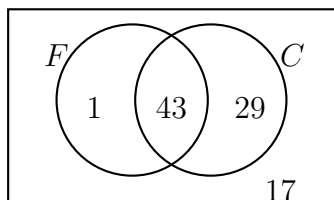
3. Giulia carried out a survey of customers in a cafe to find out how many customers order cake,  $C$  and how many customers order tea,  $T$ .

Use the information beside the diagram to complete the Venn diagram below.

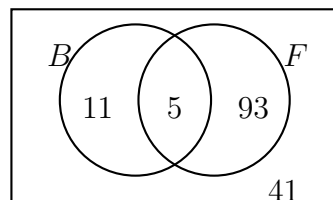


- 21 customers order cake
- 33 customers order tea
- 40 customers order cake or tea or both
- 12 customers don't order tea

Answers 1)



2)



3)

