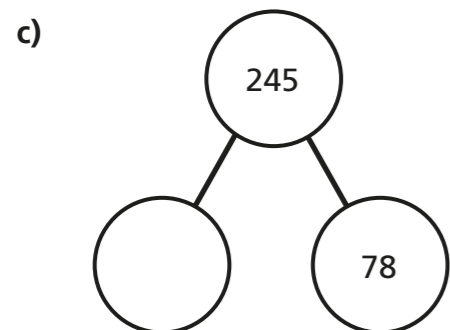
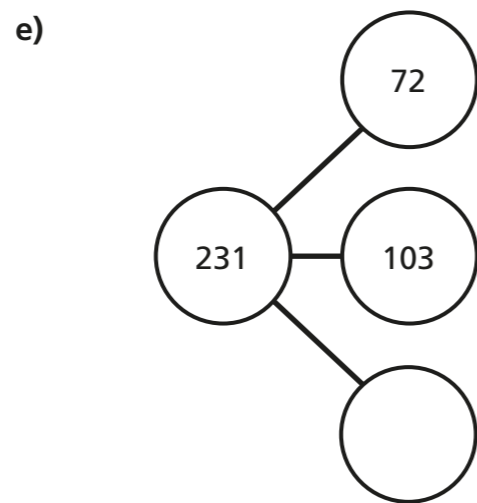
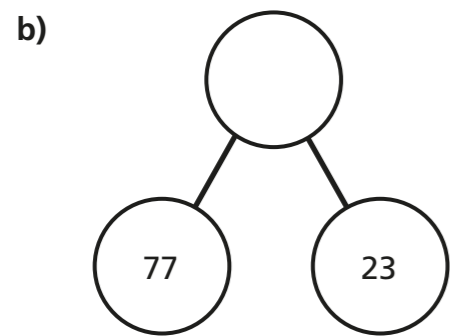
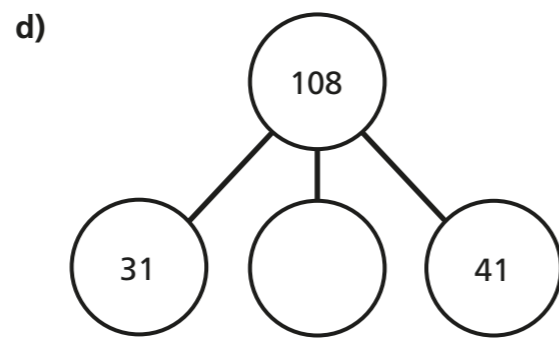
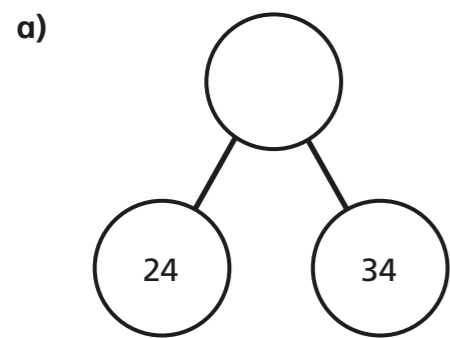


Solve problems with frequency trees

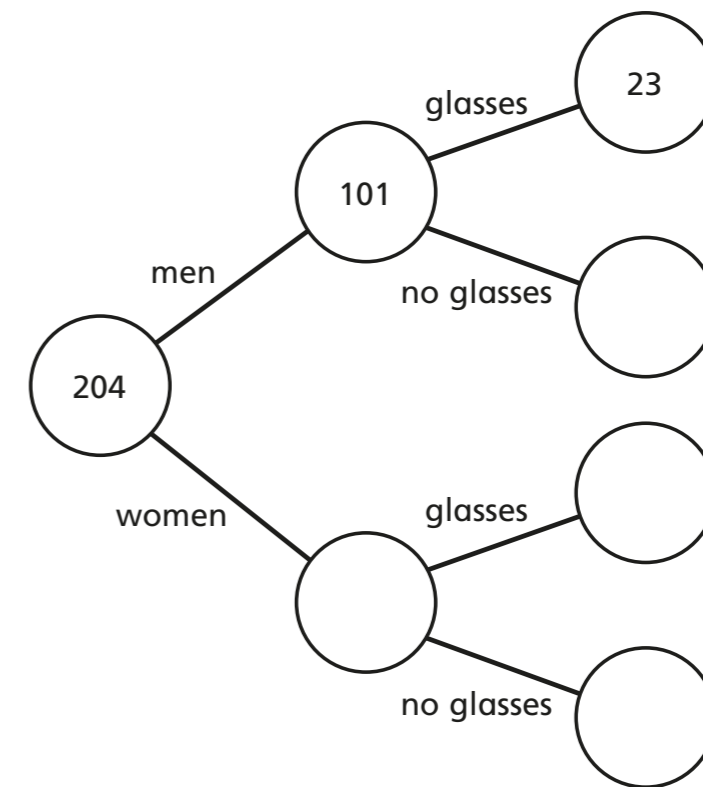
1 Complete the part-whole models.



2 The table shows how many men and women in an office building wear glasses or not.

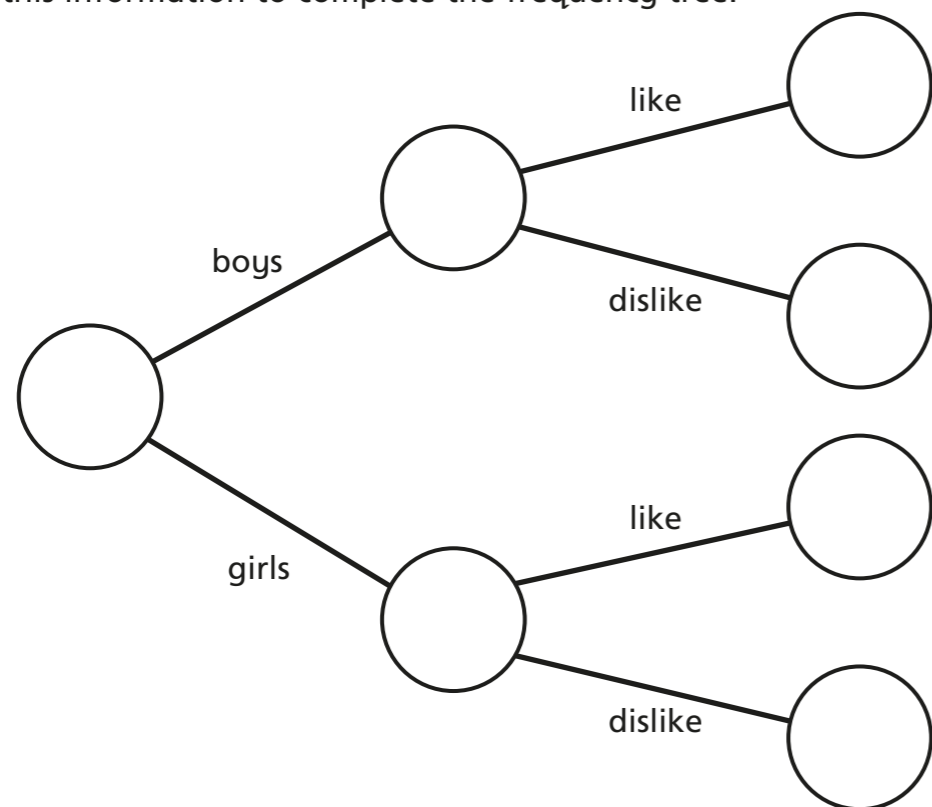
| | Men | Women |
|------------|-----|-------|
| Glasses | 23 | 31 |
| No glasses | 78 | 72 |
| Total | 101 | 103 |

a) Use the table to complete the frequency tree.

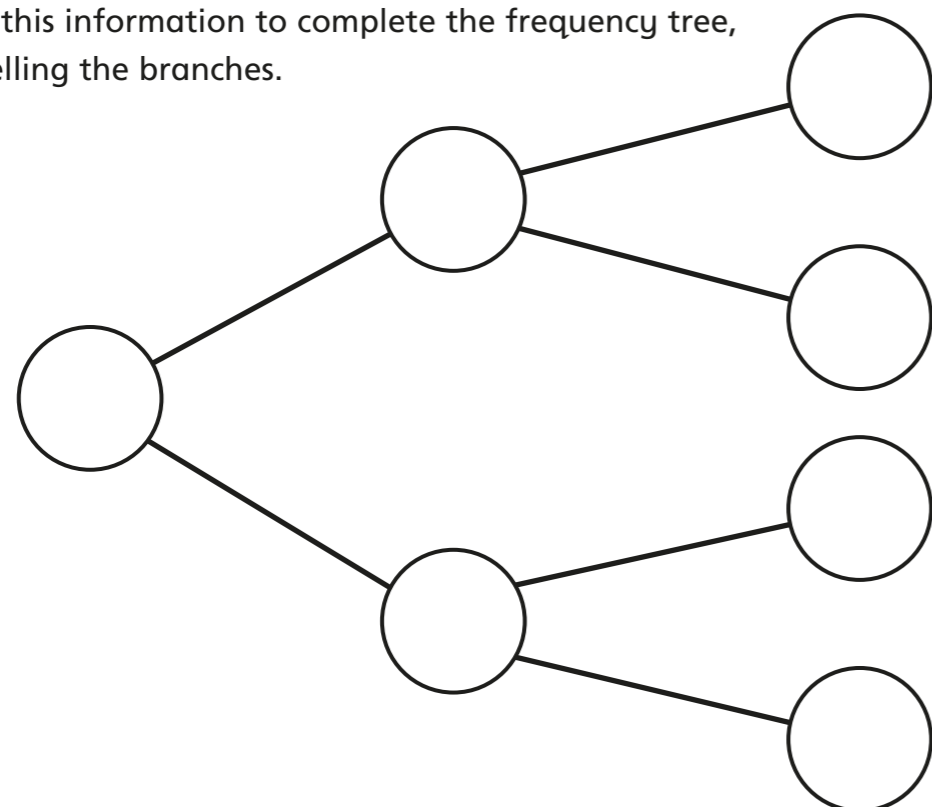


b) Find the difference between the total number of people who wear glasses and the total number of people who do not wear glasses.

- 3 50 students were asked if they liked school dinners.
28 of the students were girls. 17 girls said they liked school dinners and 15 boys said they disliked school dinners.
Use this information to complete the frequency tree.



- 4 57 of the 100 people in a chess club are men.
17 of the 30 people who are under 15 are women.
Use this information to complete the frequency tree, labelling the branches.



- 5 200 people were chosen to be a test audience for a new film.
They had to grade the film as A (good), B (OK) or C (poor).
90 of the people were under 18.
40 people gave the film grade A, and 11 of these were under 18.
70 people gave the film grade C, and 58 of these were 18 or over.
Represent this information as a frequency tree.

Create your own question like this for a partner.

