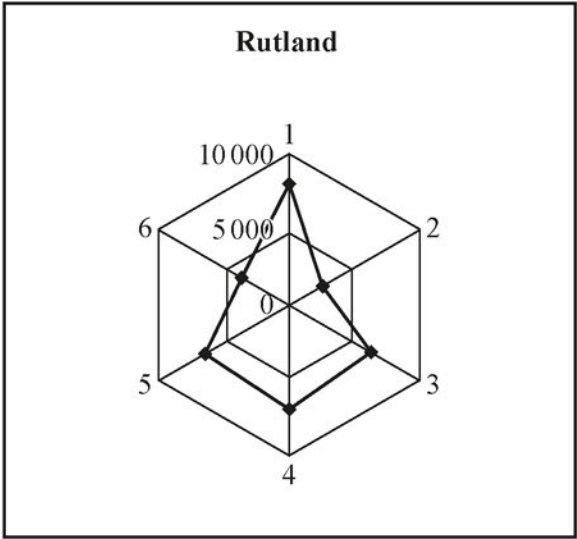
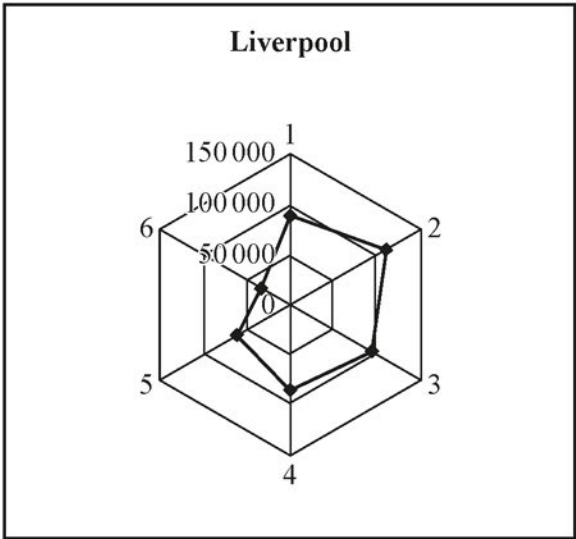


13 The radar diagrams illustrate some population figures from the 2011 census results.



Each radius represents an age group, as follows:

Radius	1	2	3	4	5	6
Age group	0–17	18–29	30–44	45–59	60–74	75+

The distance of each dot from the centre represents the number of people in the relevant age group.

- (i) The scales on the two diagrams are different. State an advantage and a disadvantage of using different scales in order to make comparisons between the ages of people in these two Local Authorities. [2]
- (ii) Approximately how many people aged 45 to 59 were there in Liverpool? [1]
- (iii) State the main two differences between the age profiles of the two Local Authorities. [2]
- (iv) James makes the following claim.

“Assuming that there are no significant movements of population either into or out of the two regions, the 2021 census results are likely to show an increase in the number of children in Liverpool and a decrease in the number of children in Rutland.”

Use the radar diagrams to give a justification for this claim. [2]