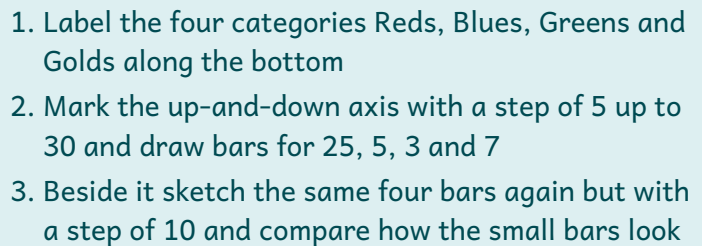


- 1 The four teams scored **25, 5, 3** and **7** goals. The tallest value is **25**.
- 2 A step of **1** would need 25 tiny gaps and squash the chart.
- 3 A step of **5** marks 0, 5, 10, 15, 20, 25 so the bar for 25 reaches the top line cleanly.
- 4 Smaller scores of 5, 3 and 7 still show clearly on the same step of 5.

Use the blank bar chart to try different scales for the blitz scores.



- 1 Four GAA players scored 4, 6, 30 and 8 points last season. Decide the better step for the up-and-down axis.
- 2 In a school blitz the Reds, Blues, Greens and Golds scored 40, 12, 9 and 16 goals. List the scale marks for a step of 5.
- 3 A camogie friendly had a top score of 30 points. Check whether a step of 10 places that bar neatly.
- 4 The same four players scored 4, 6, 30 and 8. Find the range then pick the step that keeps small bars readable.
- 5 On a shared GAA chart marked every 5 up to 60, plot the Reds' 25 goals and say which line the top of the bar reaches.

a. The tallest value decides how high the scale must reach.

b. A step of 5 is the best scale for a bar chart of class scores.

c. A step of 1 makes every bar easy to read exactly.

d. Changing the step changes how tall each bar looks on the page.

## Ireland's provinces by population

