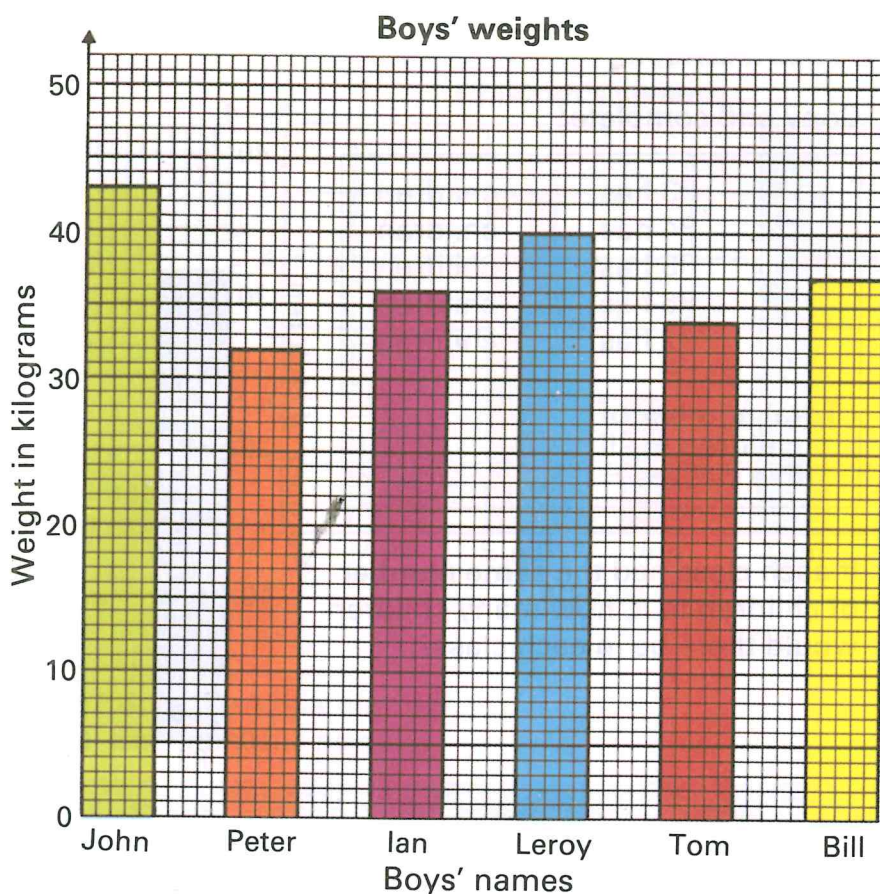


## Boys' weights

Here is a graph showing the weights of 6 boys.

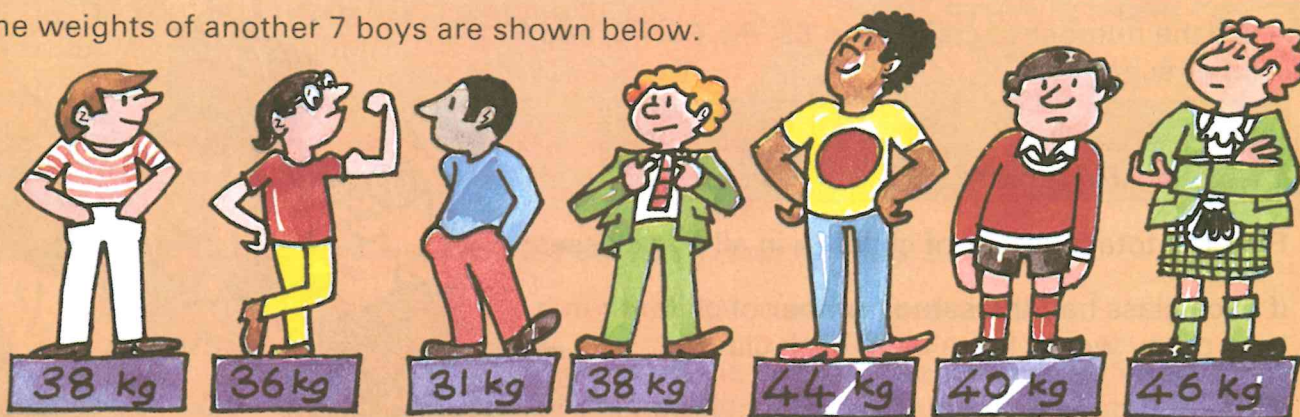
- By looking at the graph, **estimate** the **average** weight of the boys.
- List the weights of the boys like this:

|              |      |
|--------------|------|
| John weighs  | — kg |
| Peter weighs | — kg |
| Ian weighs   | — kg |
| Leroy weighs | — kg |
| Tom weighs   | — kg |
| Bill weighs  | — kg |



- Calculate the **average** weight of the six boys.
- Place a ruler across the graph to represent this average weight. Name the boys who are:
  - above** this average weight,
  - below** this average weight.
- Name any boy whose weight is equal to the average weight.

The weights of another 7 boys are shown below.



- Calculate the **total** weight of the seven boys.
- Now calculate the **average** weight of the seven boys.
- How many boys are: (a) **above** this average weight, (b) **below** this average weight?
- Do any of the seven boys have this average weight?