Weights in the Council of Ministers in the EU in 1958

| Country | Weight |
| :--- | :---: |
| Germany | 4 |
| Italy | 4 |
| France | 4 |
| Netherlands | 2 |
| Belgium | 2 |
| Luxembourg | 1 |
| Quota | 12 |

## A Simple Apportionment Example

Our mythical tiny nation is composed of three states:

| State | Population | \% Population |
| :---: | ---: | :---: |
| A | 11,000 | 37.9 |
| B | 15,000 | 51.7 |
| C | 3,000 | 10.3 |

- If the legislature has 43 members, how many reps does each state receive?
- What if the legislature has 44 members?


## More than two alternatives

Wheaton has just received a $\$ 500$ million gift.
The three options with most support are:
A. Renovate all academic buildings not recently done
B. Renovate all campus dorms
C. Slash comprehensive fee dramatically

The committee members rankings are

$$
\begin{array}{clll}
10 & A>B>C & 6 & C>B>A \\
0 & A>C>B & 3 & B>C>A \\
6 & C>A>B & 6 & B>A>C
\end{array}
$$

What do we do with the money?

