

- (b) Suppose there are m individuals are A supporters, and the remaining $300 - m$ are B supporters. When there are three evenly sized districts, what is the minimum number of A supporters that need to be packed into the district that A wins for B to win the other two districts.

- (c) Now consider this particular population:

| | | | | | |
|----|---|---|---|---|---|
| 6 | 6 | 7 | 6 | 3 | 7 |
| 7 | 8 | 4 | 5 | 7 | 9 |
| 0 | 4 | 2 | 6 | 3 | 3 |
| 10 | 5 | 6 | 7 | 5 | 7 |
| 2 | 5 | 6 | 4 | 4 | 8 |

Each precinct is a square, and the number shows how many A supporters live there. Draw a district map with three districts so that B wins two seats.