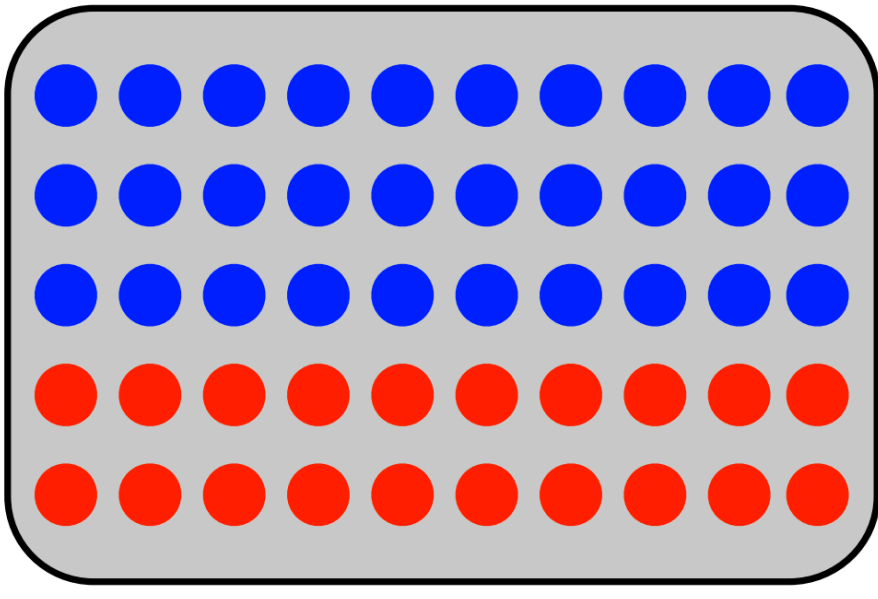
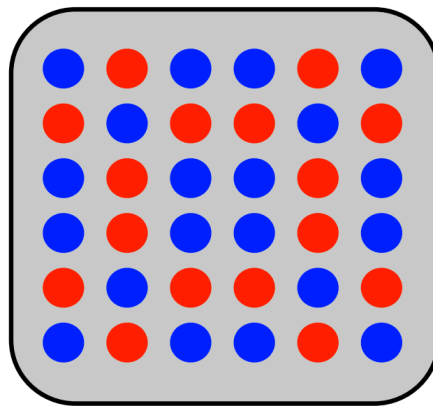


- Consider the following “state” (adapted from this [Washington Post article](#)), in which there are 50 people, 30 of which are “blue” and 20 of which are “red” .
- Can you draw 5 districts, of 10 people each which yields:
  - (a) 3 blue, 2 red districts?
  - (b) 5 blue districts?
  - (c) 2 blue, 3 red districts?



- Consider the following “state” (adapted from [this article](#)), in which there are 36 people, 20 of which are “blue” and 16 of which are “red”.



- Can you draw 4 districts, of 9 people each which yields :
  - (a) 4 blue districts?
  - (b) 1 blue, 3 red districts?