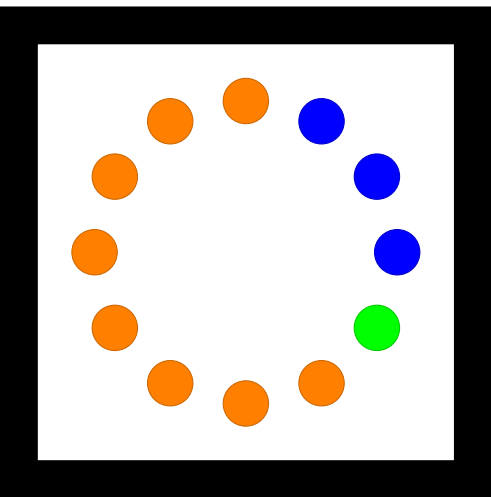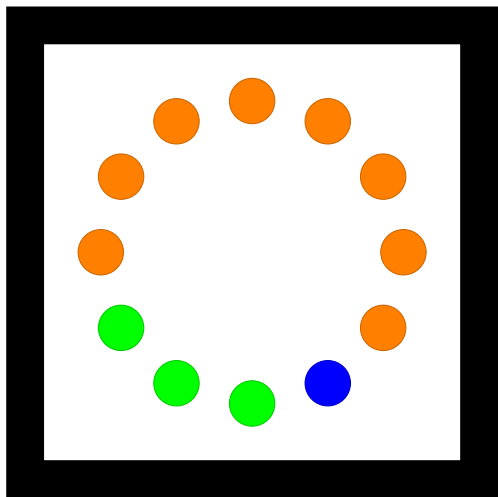Box A (Chance: 50%)

blue balls: 3
orange balls: 8
yellow balls: 1

Box B (Chance: 50%)

blue balls: 1
orange balls: 8
yellow balls: 3