

5 チャレンジしよう！の回答例

③

```
color(■)
drop(4)
color(■)
drop(6)
color(■)
drop(4)
drop(5)
```

④

```
color(■)
drop(1)
drop(2)
drop(3)
drop(8)
drop(9)
drop(10)
color(■)
drop(4)
drop(4)
drop(4)
color(■)
drop(7)
drop(7)
```

⑥

```
for i in 1...10 {
  color(■)
  drop(i)
  color(■)
  drop(i)
  color(■)
  drop(i)
}
```

⑦

```
color(■)
for i in 1...3 {
  drop(3)
  drop(8)
}
for i in 1...10 {
  color(■)
  drop(i)
  color(■)
  drop(i)
  color(■)
  drop(i)
}
```

⑧

```
color(■)
for i in 1...10 {
  for j in 1...i {
    drop(i)
  }
}
```

⑨

```
color(■)
for i in 1...5 {
  for j in 1...i {
    drop(i)
  }
  for j in 6...i+5 {
    drop(j)
  }
}
color(■)
for i in 1...10 {
  drop(i)
}
```

⑰

```
color(■)
for i in 1...3 {
  for j in 1...4-i {
    drop(i)
  }
}
color(■)
for i in 1...10 {
  drop(i)
}
color(■)
for i in 2...9 {
  for j in 1...4-count(i) {
    drop(i)
  }
}
for i in 1...10 {
  for j in 1...3 {
    color(■)
    if (i==1){
      color(■)
    }
    if (i==10) {
      color(■)
    }
    drop(i)
  }
}
color(■)
for i in 3...8 {
  drop(i)
}
for i in 4...7 {
  drop(i)
}
color(■)
for i in 2...9 {
  drop(i)
}
```

⑫

```
for i in 1...10 {
  if(top(i) == ■) {
    color(■)
    for j in 1...9 {
      drop(i)
    }
  }
  if(top(i) == ■) {
    color(■)
    for j in 1...9 {
      drop(i)
    }
  }
  if(top(i) == ■) {
    color(■)
    for j in 1...9 {
      drop(i)
    }
  }
}
```

⑬

```
color(■)
for i in 1...10 {
  if(count(i)<10) {
    for j in 1...10-count(i) {
      drop(i)
    }
  }
}
```

⑮

```
for i in 1...4 {
  color(■)
  for j in 1...4 {
    drop(i)
    drop(i+6)
  }
}
color(■)
drop(5)
drop(6)
for i in 1...10 {
  drop(i)
  drop(i)
}
for i in 1...4 {
  color(■)
  for j in 1...4 {
    drop(i)
    drop(i+6)
  }
}
color(■)
drop(5)
drop(6)
```

⑯

```
for i in 1...10 {
  for j in 1...10 {
    color(■)
    if(i==j) {
      color(■)
    }
    if(i==11-j) {
      color(■)
    }
    drop(i)
  }
}
```