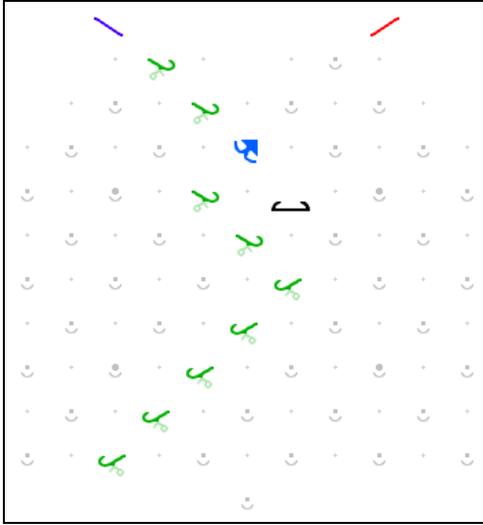
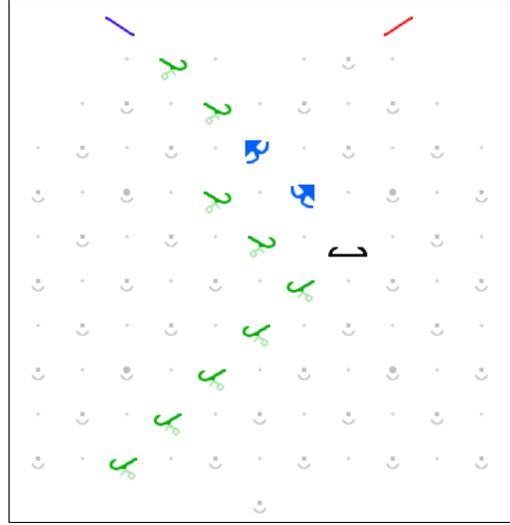


Bits and Colors 1: PICTURES & SOLUTIONS



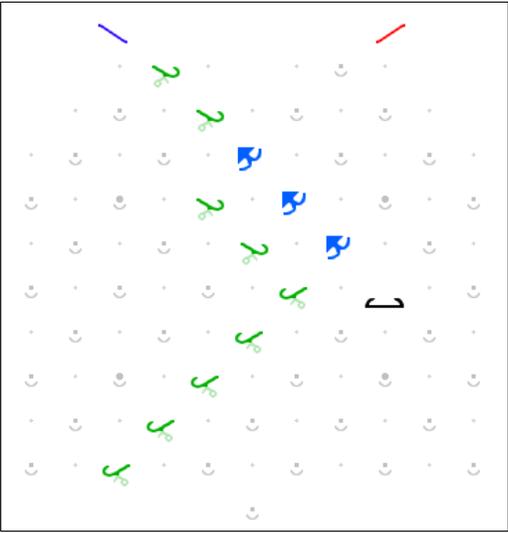
1



2

2 The first ball drops from bit B2.

3
The third ball
drops from B2.

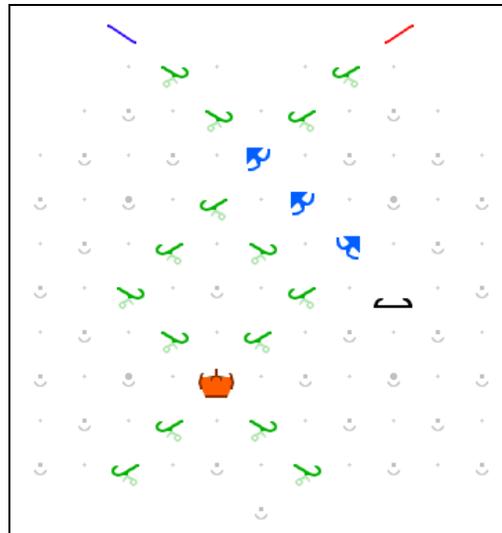


4

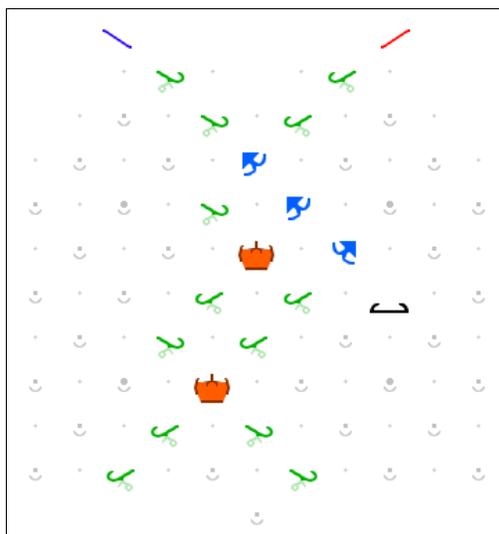
4 The binary notation for 4 balls is $100 = 4 + 0 + 0$.

5 The binary notation for 5 balls is 101 = 4 + 0 + 1.

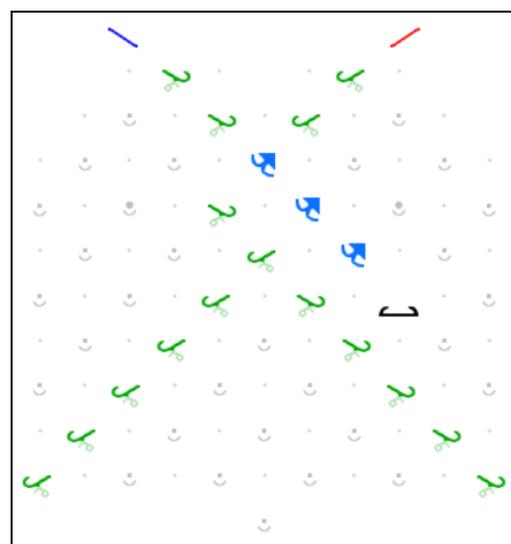
6 The binary notation for 7 balls is 111 = 4 + 1 + 1.



7



8



9