coloring:

1   Red
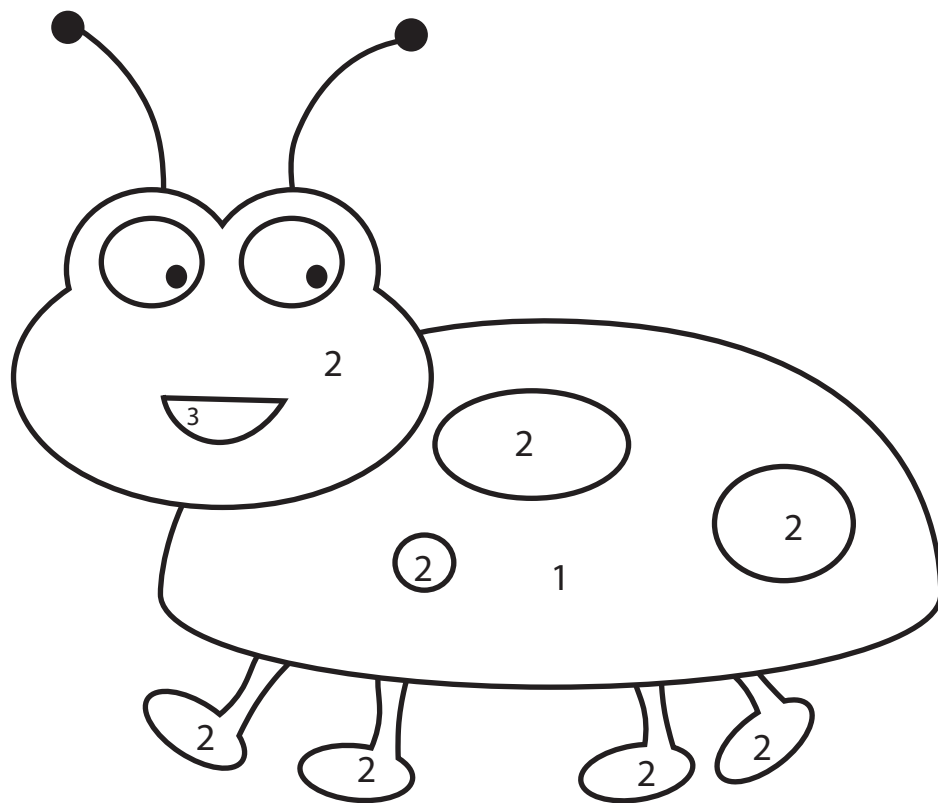2   Black
3   White