

## MAP COLORING PROBLEM – GRADE 5 – CHECKLIST

NAME \_\_\_\_\_

\_\_\_\_\_ Draw and color your "checkerboard" 2 color map.

\_\_\_\_\_ Draw a **simple** map that requires 3 colors.

\_\_\_\_\_ Draw a **simple** map that requires 4 colors.

\_\_\_\_\_ Try and find a simple map that requires 5 colors. Show at least 3 tries.

Do one or more of these assignments.

\_\_\_\_\_ Find the least amount of colors needed for a map of the United States.

\_\_\_\_\_ If 3 dimensions are allowed, can you make a map that requires 5 colors? Make an example.

\_\_\_\_\_ If a state can be in 2 separate pieces (like Michagan), can you make a map that requires 5 colors? Show an example.