

## Appendix 8-G Successive Transformations Worksheet

Imagine the following situation: You are employed by a graphic design firm which creates graphic designs for companies who manufacture wallpaper, wrapping paper, tile, and fabric. Your supervisor has assigned you to develop a new design which may be sold to one of these vendors.

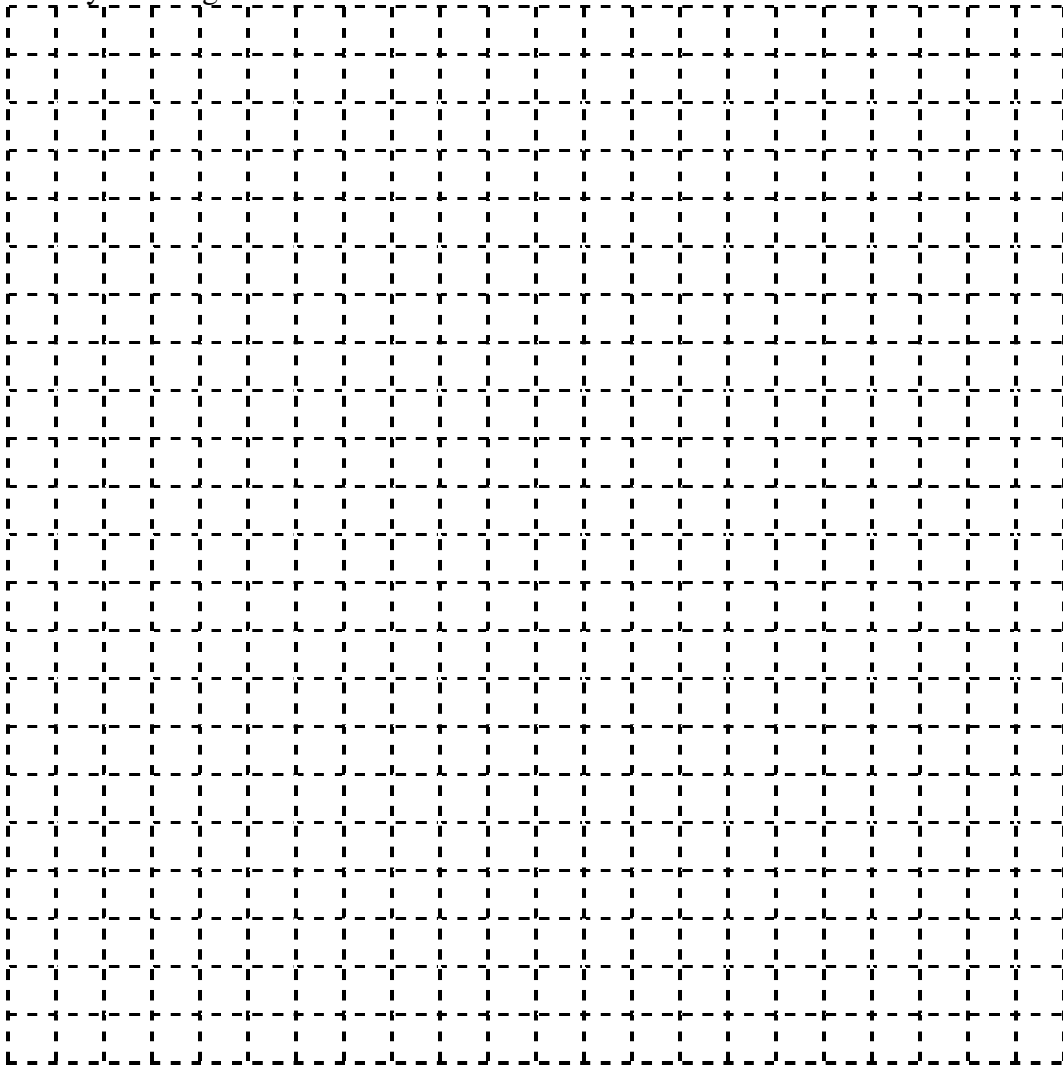
The design must contain the following elements:

It must employ at least two types of transformations: reflections, rotations, and/or translations.

It must use at least two colors.

It must be extended to cover *at least* 75% of the grid.

It must be relatively easy to reproduce. Also, you must write an explanation of how you created your design. It should be easy to understand so that anyone who reads it can duplicate your design from the instructions.



## *Appendix 8-G* Successive Transformations Worksheet