

HEXMATE™

*Unique-solution puzzles by Glenn Iba
created for the Hexdominoes set*

- **4-color challenges**
- **5-color challenges**
- **6-color challenges**
- **Singleton challenges**



*A product of
Kadon Enterprises, Inc.*

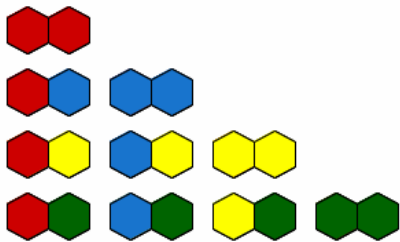
Color Chart for HEXMATE CHALLENGES

*A collection of unique-solution puzzles created by Glenn Iba
for the Hexdominoes set by Kadon Enterprises, Inc.*

Goal: For each of the Hexmate patterns in this book, use the specified subset of Hexdomino pieces shown below (4,5 or 6 colors) to form the exact color arrangements of the given patterns (see **The Hexmate Challenges**, page 3). For the “**Singleton**” challenges (pages 4-6), add the specified number of single hexes to the specified dihex groups below, with no single hexes touching each other within your solution. Actual-size hex grid layout sheets for each figure are supplied separately.

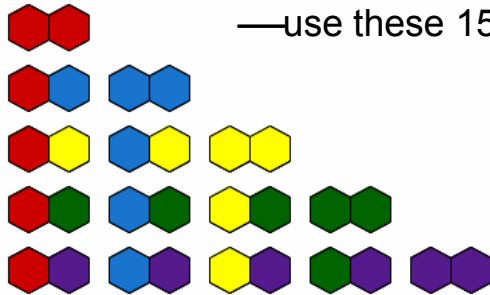
HEXMATE 4-COLOR

—use these 10 dihexas:



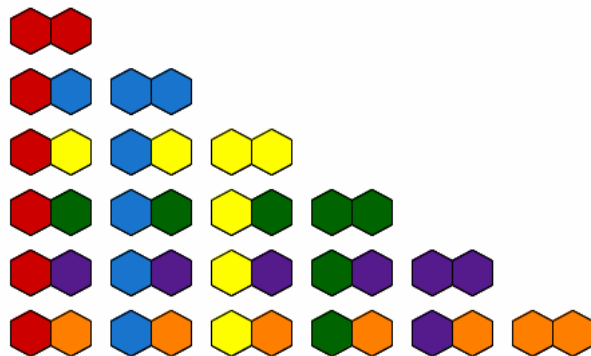
HEXMATE 5-COLOR

—use these 15 dihexas:



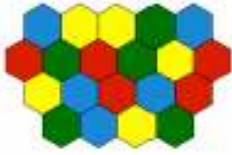
HEXMATE 6-COLOR

—use these 21 dihexas:



THE HEXMATE CHALLENGES

Bowl #1



Bowl #2



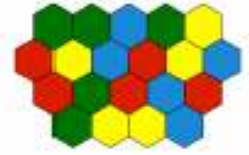
Bowl #3



Bowl #4



Bowl #5



Barrel #1



Barrel #2



Barrel #3



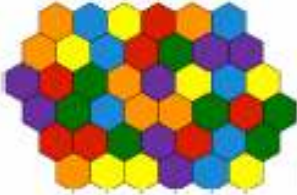
Barrel #4



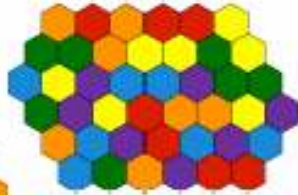
Barrel #5



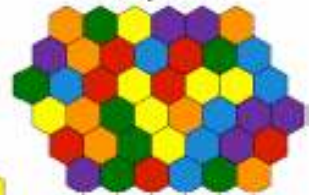
Oblique #1



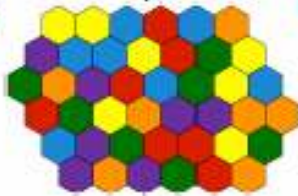
Oblique #3



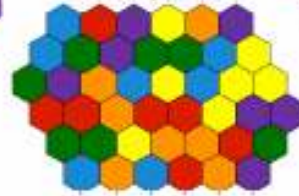
Oblique #5



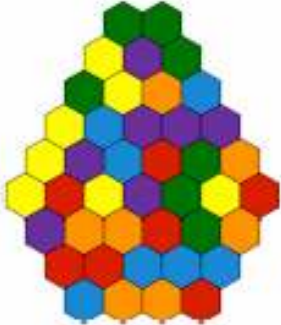
Oblique #2



Oblique #4



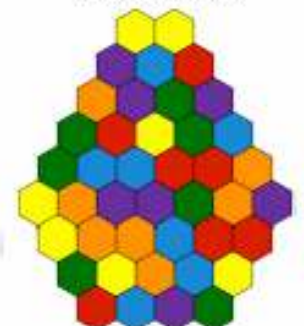
Pinecone #1



Pinecone #3



Pinecone #5



Pinecone #2



Pinecone #4

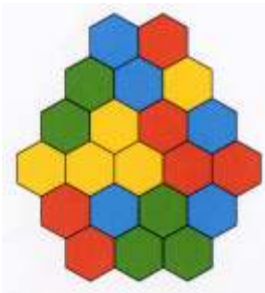


Hexmate created by Glenn Iba. Hexdominoes is a trademark and product of Kadon Enterprises, Inc. © 2009

HEXMATE 4-COLOR "SINGLETON" CHALLENGES

Use the 4-color Hexdomino dihexes plus 1, 2, 3 and 4 *non-adjacent* singletons to solve.

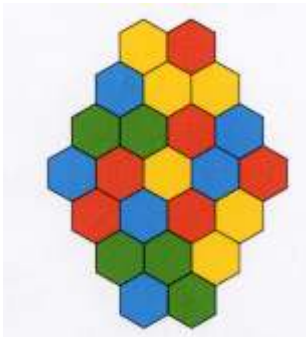
Add 1 single hex



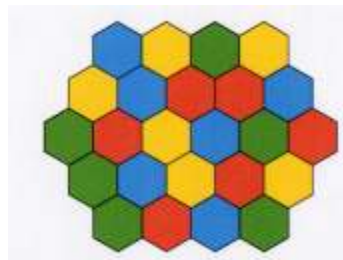
Add 2 single hexes



Add 3 single hexes



Add 4 single hexes



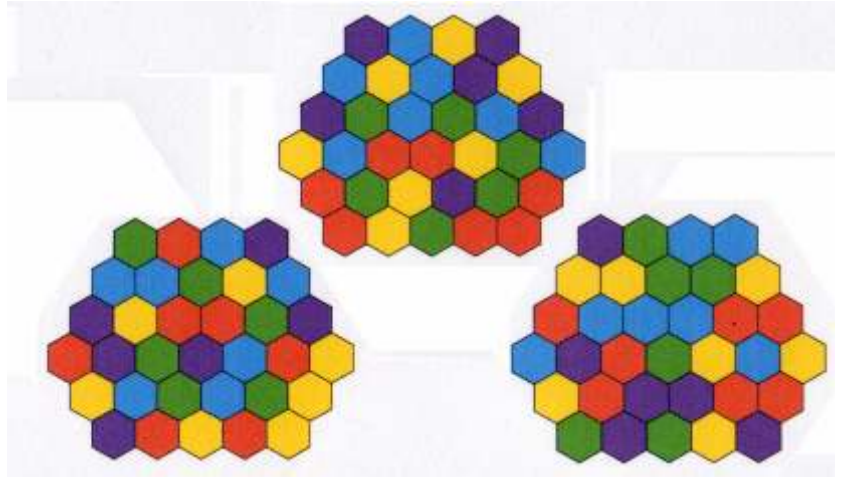
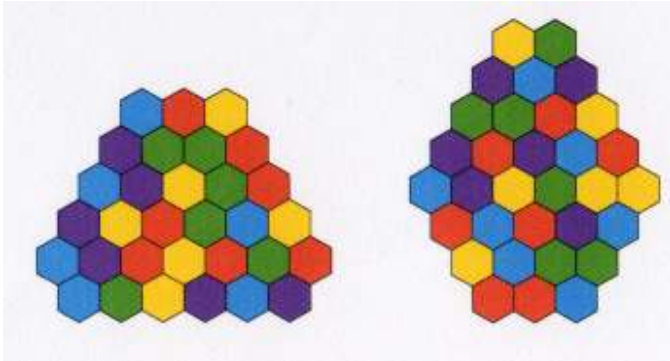
HEXMATE 5-COLOR "SINGLETON" CHALLENGES

Use the 5-color Hexdomino dihexes plus 1, 2, 3, 4, and 5 *non-adjacent* singletons.

Add 1 single hex

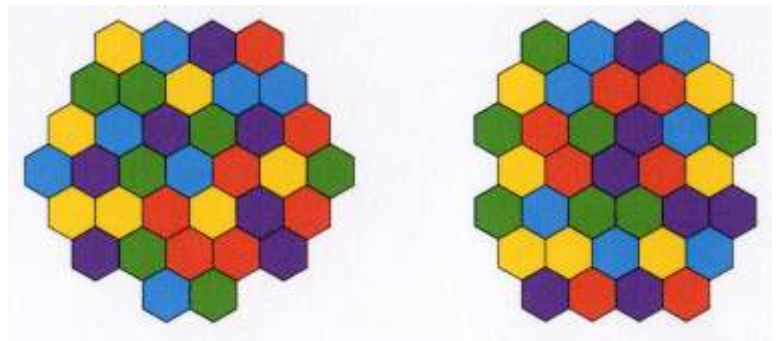
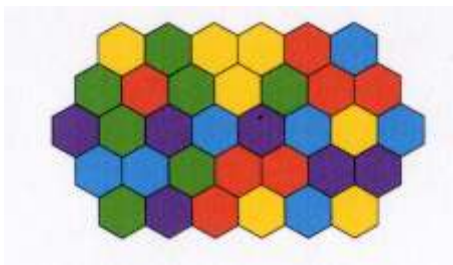
Add 2 single hexes

Add 3 single hexes



Add 4 single hexes

Add 5 single hexes



HEXMATE 6-COLOR "SINGLETON" CHALLENGES

Use the 6-color Hexdomino dihexes plus 1, 2, 3, 4, 5 and 6 *non-adjacent* singletons.

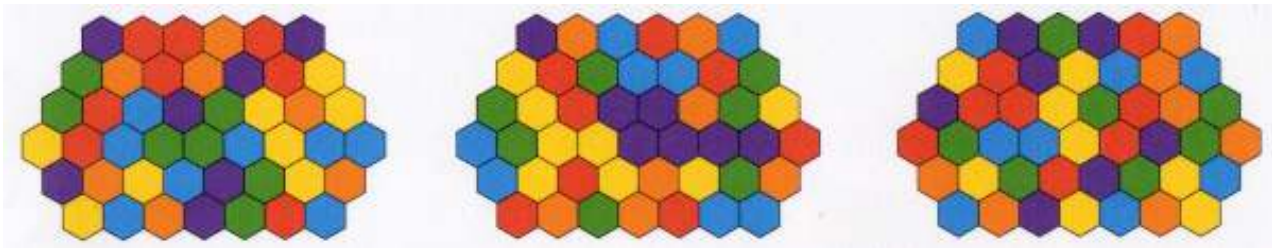
Add 1 single hex



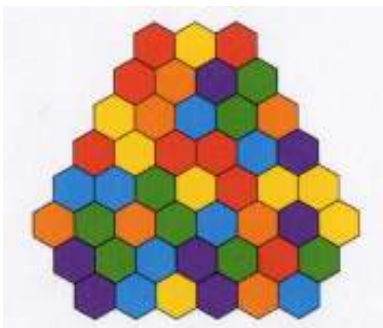
Add 2 single hexes



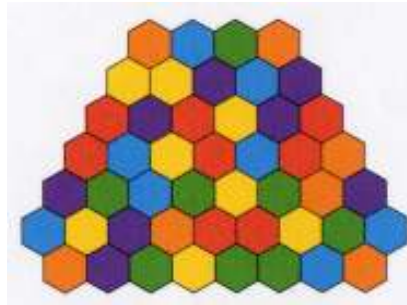
Add 3 single hexes



Add 4 single hexes



Add 5 single hexes



Add 6 single hexes

