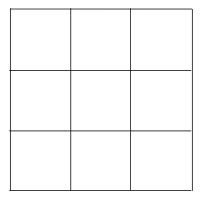
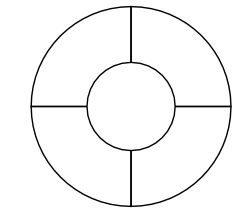
AMDM Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

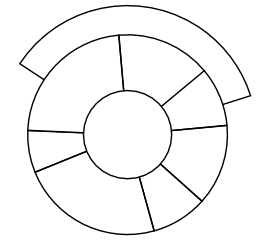
Unit 7 SAS 7C9 Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_

Two sections that share a common edge cannot be colored the same.

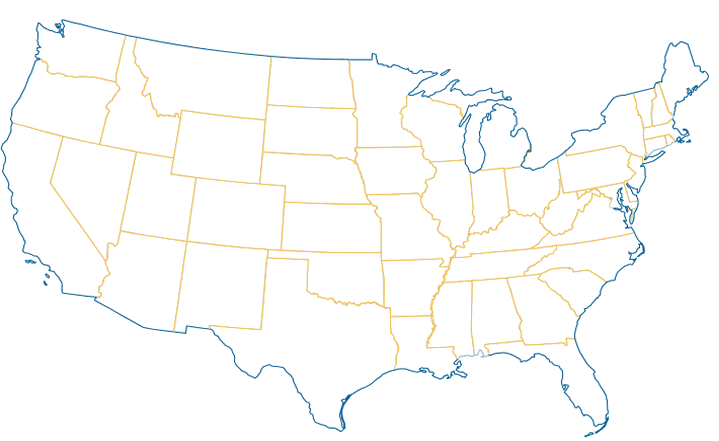
1. 2.

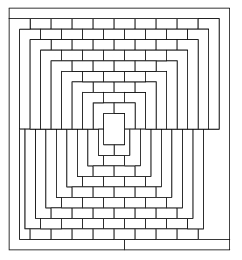
3. 4.

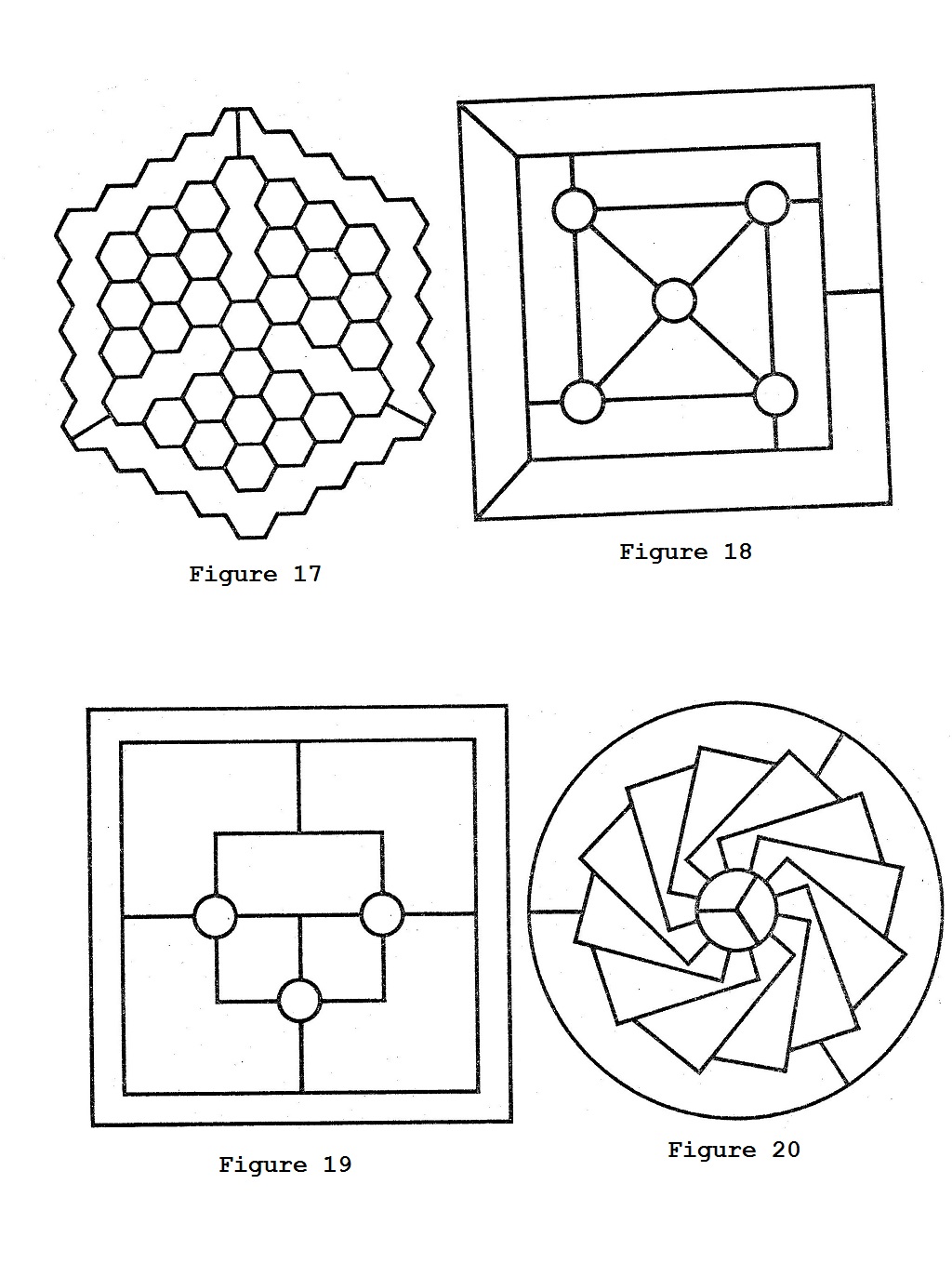
 

5.



**BONUS:** Martin Gardner (1975) played an April Fool's joke by (incorrectly) claiming that the map of 110 regions illustrated below requires five colors and constitutes a counterexample to the four-color theorem. Can you refute his claim?



**Extension:**