**DAY 4: Map Coloring**  Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Convert the graphs below into maps.



1. Color yours maps from 1 and find their chromatic number.
2. Color the maps below and find their chromatic number.



1. Convert the maps from 3 into graphs.

5. Investigate finding a map which has a chromatic number of 5.