Name: _____

Period: _____

Sieve of Eratosthenes
This is a systematic way to get a list of prime numbers.

1. Fill the following table with numbers from 1-100.
2. Shade in the first box (with the 1 in it).
3. Circle the 2. Cross out all the other even numbers.
4. Circle the 3. Cross out all the other numbers divisible by 3 (note: some of them are already crossed out because they were divisible by 2).
5. Circle the 5. Cross out all the other numbers divisible by 5 (note: some of them are already crossed out because they were divisible by 2 or 3).
6. Continue this process for the rest of the numbers in the Sieve. By the end of this process, you should only have prime numbers circled. There are 25 of them.