Ryan Helmlinger and Nikash Sethi

Period 3

8)

This scatter plot is random and shows no trend. Thus, the d value has no effect on the run time for RSA\_Crack.

9)

Each value of k was 100% accuracy.

10)

List of Charmichael numbers and the k value needed to correctly determine that they are composite

* 561 ---> 2
* 41041 ---> 2
* 825265 ---> 2
* 321197185 ---> 2
* 5394826801 ---> 2
* 232250619601 ---> 2
* 9746347772161 ---> 2
* 1436697831295441 ---> 2
* 60977817398996785 ---> 2
* 7156857700403137441 ---> 2
* 1791562810662585767521 ---> 2
* 87674969936234821377601 ---> 2
* 260849323075371835669784094383812120359260783810157225730623388382401 ---> 2