## Homework 4 - Craig Shaffer

b.

| Trial # | Height of AVL Tree | Left Rotations | Right Rotations | <b>Total Rotations</b> |
|---------|--------------------|----------------|-----------------|------------------------|
| 1       | 12                 | 344            | 330             | 674                    |
| 2       | 12                 | 363            | 327             | 690                    |
| 3       | 12                 | 356            | 359             | 715                    |
| 4       | 12                 | 333            | 345             | 678                    |
| 5       | 12                 | 380            | 354             | 734                    |
| 6       | 12                 | 348            | 352             | 700                    |
| 7       | 12                 | 336            | 332             | 668                    |
| 8       | 12                 | 357            | 374             | 731                    |
| 9       | 12                 | 321            | 340             | 661                    |
| 10      | 12                 | 371            | 357             | 728                    |