**Carrying Capacity Activity**

**Name:**

**12 in =1 foot 5,280 feet = 1 mile**

Time:\_\_\_\_\_\_\_\_\_\_\_\_

The Population of the US is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. The population of the World is: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

1. Height of 100 sheets of paper (in):
2. Height of 1 million sheets of paper (in) or feet:
	1. What else would be this high?
3. Height of 1 billion sheets of paper (in) or feet:
4. Height of 7 billion sheets of paper (in) or feet:
	1. What else would be this high?

Time: \_\_\_\_\_\_\_\_\_\_\_\_\_

The Population of the US is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. The population of the World is: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Rate of Change = change in population (y)**

**Change in time (x)**

Calculate the rate of change in the US.

Calculate the rate of change in the World.