

Name: \_\_\_\_\_ Hour: \_\_\_\_\_ Date: \_\_\_\_\_

## Chapter 7 Review

A number that describes the whole population is known as a \_\_\_\_\_.

A number that is calculated from a sample is known as a \_\_\_\_\_.

We always use a \_\_\_\_\_ to estimate a \_\_\_\_\_.

In Section 7-2, we used a \_\_\_\_\_ to estimate a population proportion.

In Section 7-3, we used a \_\_\_\_\_ to estimate a population mean.

Summary:

|   | Sample Proportions | Sample Means |
|---|--------------------|--------------|
| What is the parameter?  |                    |              |
| What is the statistic?  |                    |              |
| Draw Sampling Distribution.   |                    |              |
| When is the sampling distribution approximately normal?             |                    |              |
| What is the mean of the sampling distribution?                      |                    |              |
| What is the standard deviation of the sampling distribution?        |                    |              |
| What condition must be satisfied in order to use the above formula? |                    |              |
| What is the formula for a z-score?                                  |                    |              |

Old stuff from Chapter 6: Binomial Distributions