Distributions:

What is a distribution?

What are the main characteristics of a probability distribution?

What are parameters?

How does the shape of a binomial distribution depend on n and p?

How does the shape of a normal distribution depend on μ and σ.

All possible outcomes must be equal to?

How does area relate to probability (for a continuous distribution)?

How do you use the normal distribution?

NOTE: you do not need to know the formula for a normal distribution!

Be able to sketch a normal distribution if you're given μ and σ.

Understand and be able to use z-scores and the standard normal distribution.

Be able to calculate probabilities using the table in your book.

For example, be able to do $Pr\{Y > 1,500\}$ if given μ and σ, etc.