Calculating the expectation

- How is the expectation of a discrete random variable calculated?

- How is the expectation of a continous random variable calculated?

- What do we mean by the nth moment of the random variable X?

- What do we mean by the nth central moment of the random variable X?

- How is the variance of a random variable calculated?

Calculating the expectation

- Complete the following sentence "the ? is the ? moment of the distribution"

- How is the moment generating function computed?

- How do you calculate the nth moment of the distribution from the moment generating function?