



MathsNET

A joined up approach to
teaching and learning
mathematics

Calculating the expectation

- How is the expectation of a discrete random variable calculated?
- How is the expectation of a continuous random variable calculated?
- What do we mean by the n th moment of the random variable X ?
- What do we mean by the n th central moment of the random variable X ?
- How is the variance of a random variable calculated?



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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 n th moment of the distribution from the moment generating function?