

## Chapter 6 Vocabulary list

### 6.1

Random variable

Discrete

Continuous

Probability distribution

Mean of a probability distribution

Standard deviation of a probability distribution

Expected value

### 6.2

Binomial experiment

Number of trials

Independent trials

Successes and failures in a binomial experiment

Probability of success

Probability of failure

Number of successes

Binomial coefficient

Binomial probability distribution

Cumulative probability

### 6.3

Mean of a binomial distribution

Standard deviation of a binomial distribution

Geometric probability distribution