

- **The number of flips until two heads appear is a**
 - a) Geometric rv
 - b) Binomial rv
 - c) Positive Binomial rv
 - d) Negative Binomial rv

- **The following rvs has the memoryless property**
 - a) The binomial
 - b) The geometric
 - c) The exponential
 - d) The lognormal

- **Y is lognormal if**
 - a) e^Y is normal
 - b) $\ln(Y)$ is normal
 - c) $e^{\ln(Y)}$ is normal
 - d) Y is a stock price

- **The difference of two Poisson rvs is**
 - a) An exponential rv.
 - b) A Poisson rv.
 - c) A Gamma rv.
 - d) A negative Poisson rv.