

86. A computer manufacturer receives a batch of 20 integrated circuit chips. A sample of 10 of the 20 chips is drawn at random without replacement. The manufacturer will send the batch back to the supplier if 2 or more chips of the 10 sampled are defective. If 20% of the circuit chips in the batch of 20 are defective,
- (a) What is the probability that the manufacturer returns the batch?
 - (b) How many of the selected chips are expected to be defective?