

16. A fair die is thrown three times.
- (a) What is the probability of throwing 3 sixes?
 - (b) What is the probability of throwing a six on the first throw, a six on the second throw but not a six on the third throw?
 - (c) What is the probability of throwing exactly two sixes in the three throws?
 - (d) What is the probability of throwing at least two sixes in the three throws?