



## Exercise Solution

In the latest round of Who Wants To Win A Swivel Chair, there are 5 questions. The probability of getting a successful outcome in a single trial is 0.25

1. What's the probability of getting exactly two questions right?
2. What's the probability of getting exactly three questions right?
3. What's the probability of getting two or three questions right?
4. What's the probability of getting no questions right?
5. What are the expectation and variance?