



TO PASS 80% or higher

kind and a pair) in the form AAABB?

Keep Learning

grade 100%

Probability (basic and Intermediate) Graded Quiz

LATEST SUBMISSION GRADE 100% 1. What additional statement, added to the three below, forms a probability distribution? (1) I missed only my first class today (2) I missed only my second class today (3) I missed both my first and second class today ✓ Correct 2. My friend takes 10 cards at random from a 52-card deck, and places them in a box. Then he puts the other 1 / 1 point 42 cards in a second, identical box. He hands me one of the two boxes and asks me to draw out the top card. What is the probability that the first card I draw will be the Ace of Spades? ✓ Correct 3. I will go sailing today if it does not rain. Are the following two statements Independent or dependent? 1 / 1 point (1) "I will go sailing today" (2) "It will not rain today" Correct 4. The probability that I will go sailing today AND the fair six-sided die will come up even on the next roll is .3. If these events are independent, what is the probability that I will go sailing today? ✓ Correct 5. I have two coins. One is fair, and has a probability of coming up heads of .5. The second is bent, and has a probability of coming up heads of .75. If I toss each coin once, what is the probability that at least one of the coins will come up tails? Correct 6. What is the probability, when drawing 5 cards from a fair 52-card deck, of drawing a "full house" (three of a 1/1 point)

