100%

Probability (basic and Intermediate) Graded Quiz

NOTE DE LA SOUMISSION LA PLUS RÉCENTE

1.	What additional statement, added to the three below, forms a probability distribution?	1/1 point
	(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 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?	1/1 point
	✓ 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	
	The probability that I will go sailing today AND the fair six-sided die will come up even on the next roll is $.3.$	1/1 point
	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?	1/1 point
	✓ 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

kind and a pair) in the form AAABB?