9/25/25, 12:50 PM	Compound Probability   Quizlet	
Name:	Score:	
13 Multiple choice questions		
Definition		1 of 1
A jar contains 10 caramets, 7 mints, and 13 dark chocolate	es. What is the probability of selecting 2 dark chocolates and a caramel, if you replace each after drawing it?	
○ 2/19		
○ 6/25		
O 169/2700		
○ 13/203		
Definition		2 of 13
Diane will spin this spinner. What is the probability Diane	will spin a 3, then a 4? P(3,4)	
1 2 3 6 8 4		
○ 2/3		
○ 1/48		
O 1/36		
○ 1/2		
Definition		3 of 13
Jennie is playing a game in which she rolls a six-sided nur	mber cube twice in a row. The cube is labeled with the numbers 1-6. What is the probability rolling a 5 or an even number on both rolls?	,
○ 1/8		
O 2/3		
O 4/9		
O 1/6		
Definition		4 of 13
Jennie is playing a game in which she rolls a six-sided nur being greater than 4? P(odd number, greater than 4)	mber cube twice in a row. The cube is labeled with the numbers 1-6. What is the probability of the first roll being odd, and the second ro	oll
O 1/8		
0 4/9		
0 1/6		
O 1/2		
Definition		5 of 13

Definition 6 of 1

James rolls a six sided number cube three times. What is the probability James will roll an even number the first roll, and roll a number greater than 3 the second roll, and an odd number on the

Karlyn rolls a number cube twice. What is the probability of rolling an odd number on the first roll, and a number greater than 6 on the second roll? P(odd number, number >6)

1/481/64/9

third roll? P(even number, number > 3, odd number)

02/31/813/203

9/25/25, 12:50 PM	Compound Probability   Quizlet
Definition	7 of 13
Tyler spins each spinner below one time. What is the probability of Tyler's spins landing on a I	5 and on orange?
○ 1/36	
○ 1/2	
○ 1/8	
O 1/48	
Definition	8 of 13
What is the probability of randomly selecting a potted plant out of all the plant choices below    Name	e e
○ 1/36	
○ 1/6	
○ 1/2	
○ 1/8	
Definition  Sue will roll a number cube, labeled 1 through 6, and toss a coin. What is the probability Sue v	9 of 13 vill roll a 3 or more, and her coin will land on a heads or tails?
O 4/9	
O 2/3	
O 1/36	
O 1/8	
Definition  An art class has 9 seventh graders and 16 eighth graders. If 2 students are randomly asked to grader will be chosen second? P(seventh grader, eighth grader)	$$10\mathrm{of}13$$ display their work, what is the probability that a seventh grader will be chosen first and an eighth
○ 2/19	
○ 3/25	
○ 6/25	
○ 1/8	
Definition  Jenny is getting dressed for school. She has 2 pairs of black pants, 1 pair of brown pants, and looking, Jenny pulls out one pair of pants and one T-shirt from her closet. What is the probabi	11 of 1.3  2 pairs of blue pants in her closet. She also has 2 pink T-shirts and 3 blue T-shirts in her closet. Without lity that Jenny pulls out a pair of brown pants and a blue T-shirt?
○ 3/25	
O 4/9	
O 1/6	
O 6/25	
Definition  A jar contains 10 caramets, 7 mints, and 13 dark chocolates. What is the probability of selecting	12 of 13 g 2 dark chocolates and a caramet, if you eat each one after drawing it?
○ 169/2700	
○ 6/25	
○ 2/19	
○ 13/203	
Definition  A box contains 5 yellow marbles, 8 orange marbles and 7 green marbles. If you pick two with the other will be orange?	$$15\mathrm{of}13$$ oout looking and without replacing the first marble, what is the probability that one will be yellow and
O 4/9	
○ 6/25	

O 2/19
O 13/203