Name				Date	
Sim	ulat	te Com	pound	Events	#2
A simulat	ion is an e	'	presents a real-wo		an run a simulation
Direction	and f		en answer the que tal probability of th simulation.	ŭ	
s given one probability	coupon o	it random, and eac each type of coup	ch coupon is good 1	for \$5, \$10, or \$15 o a and Jen want to l	ram. Each participant off of a purchase. The know how likely it is program.
		, , ,	oant getting a \$15 c to the nearest hund	. ,	answer as a fraction
getting	g a \$15 cou	upon if they both p	articipate in the pro	ogram.	f at least one friend , \$10, or \$15 coupon.
b. E	xplain hov	w you would run e	ach trial in your sim	nulation.	
		, 9	bove using a six-sion		als.
Tric	al 1:	Trial 2:	Trial 3:	Trial 4:	Trial 5:
Tric	al 6:	Trial 7:	Trial 8:	Trial 9:	Trial 10:
Tric	al 11:	Trial 12:	Trial 13:	Trial 14:	Trial 15:
Tric	al 16:	Trial 17:	Trial 18:	Trial 19:	Trial 20:

b. Based on your simulation, what is the probability that at least one of the friends will get a \$15 coupon if they both participate in the program? Write your answer as a fraction in simplest form and as a percent.