## Tally sheet for drawing two marbles from a bag of seven

Second activity: You have seven marbles, 4 of one	e color (call it color	: 1), 2 of a second color (d	call it color 2), and 1
of a third (call it color 3). On each draw, you take	two from the bag	and record their colors.	
Record here your actual colors: 1 is	_, 2 is	_, 3 is	

There are 5 possible outcomes, 11, 12, 13, 23, and 22. Make 50 draws, and record your outcomes by making an x for each one in the table below.

## Tally Sheet for Drawing Two Tokens out of Seven

## trial number

out-	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
come																									
11																									
12																									
13																									
23																									
22																									

## trial number

out-	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	total	total
come																										out of 50	x 2 = %
11																											
12																											
13																											
23																											

1 7 7														

Compare your totals to the theoretical probabilities.

outcome	my	theoretical
	percentages	probability
11		29%
12		38%
13		19%
23		9.9%
22		5%