

Name _____

Date _____ Pd. _____

Exit Card: Simulation**ECR**

A recent survey of students found that 60% of students buy their lunch at school, 30% bring their lunch, and 10% do not eat lunch at all.

Jean simulated how many people out of a random group of five will *buy* lunch. She used a random number generator for the simulation. Jane assigned digits to represent students who prefer each choice as follows:

Lunch Simulation

<i>Random Digit</i>	<i>Lunch Choice</i>
1,2,3,4,5,6	Buy Lunch
7,8,9	Bring Lunch
0	Do not eat lunch

She conducted 20 trials of the simulation. The results of these trials are shown below:

2 4 6 8 7	3 5 8 9 1	1 2 1 2 8	2 4 2 6 4	1 8 6 7 5
8 1 2 1 7	4 5 6 4 3	1 1 8 7 2	5 8 5 2 1	3 1 4 3 2
3 7 5 3 1	5 4 7 5 4	2 4 6 5 4	4 2 5 3 9	2 1 2 7 5
3 6 4 1 3	4 3 7 5 3	2 6 7 2 1	3 4 5 2 7	8 9 4 3 7