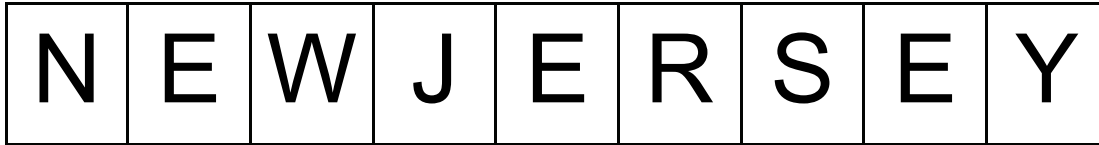Name: _____ Date: _____

Lucky Draw

Julius cuts apart each letter in New Jersey and puts the squares in a bag. He reaches in and pulls out a letter without looking.

N	E	W	J	E	R	S	E	Y

- What is the probability that the letter he pulls out will be his favorite letter, J? Explain how you know.

- What is the probability that the letter he pulls out will be W? Explain.

- On Friday, his teacher says that if anyone can correctly predict which tile he or she will pull out of the bag of New Jersey squares, the class will not have any homework over the weekend. She asks Julius to predict for the class. Julius is nervous because the class is counting on him to win.
    - Which letter should Julius predict that he will pull from the bag?
    - Explain how you know that Julius should predict this letter.

Name: _____ Date: _____

Third Graders

Third graders cut apart each of the letters in THIRD GRADERS and place the squares in a bag. Kevin pulls out one square and looks at the letter.

T	H	I	R	D	G	R	A	D	E	R	S

- What is the probability that the letter he pulls out will be the letter, D? Explain how you know.

- What is the probability that the letter he pulls out will be S? Explain.

- On Friday, his teacher says that if anyone can correctly predict which tile he or she will pull out of the bag of THIRD GRADERS squares, the class will not have any homework over the weekend. She asks Kevin's table to predict for the class. They are nervous because the class is counting on them to say the right letter.
    - Which letter should Kevin's team predict that they will pull from the bag?
    - Explain how you know that the students should predict this letter.

Name: _____ Date: _____

Mathematics

Students in Mrs. Smith's class cut apart each of the letters in the word MATHEMATICS and place the squares in a bag.   Students take turns pulling one letter square from the bag without looking in the bag.

M A T H E M A T I C S

- What is the probability that the letter a student pulls out will be the letter, M? Explain how you know.

- What is the probability that the letter a student pulls out will be S? Explain.

- What is the probability that the letter a student pulls out will be a vowel? Explain.

- On Friday, his teacher says that if any team can correctly predict which tile they will pull out of the bag of MATHEMATICS squares, the class will not have any homework over the weekend. She asks Samantha's table to predict for the class. The students are nervous because the class is counting on them to say the right letter.
    - Which letter should Samantha's team predict that they will pull from the bag?
    - Explain how you know that the students should predict this letter.