

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.