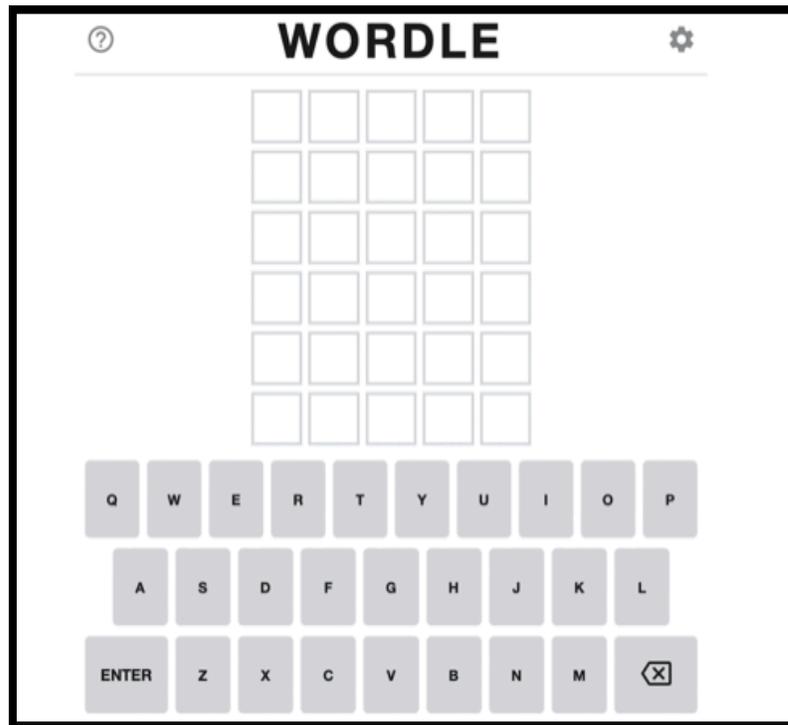Name _____

Statistics and Wordle

Group warm-up:
Let's take a few minutes to play the game Wordle in your groups. If you're not familiar, you will try to guess a 5-letter word that I have selected for today's word. Each group has 6 guesses, so raise your hand once you think you have it and I will come by and check.

- If you do not have any letters correct, I will leave it **un-highlighted**
- If you have a letter correct but in the wrong spot I will highlight it **yellow**
- If you have a letter correct, I will highlight it **green**
- If you have it all **correct**, keep to yourself and once the time is up, we will share out and write our guess-distribution on the board.

Discussion:
Did you guess the word correctly? What letters did you guess correctly?

What was your strategy that helped? What letters helped you guess correctly?

How does this relate to statistics?

Application:

Use the statistics below to find the mean, median, and mode given 60 plays of Wordle.

	What is the significance related to Wordle?
<u>Mean:</u>	
<u>Median:</u>	What is the significance related to Wordle?
<u>Mode:</u>	What is the significance related to Wordle?

Practice:

Calculate the following statistics:

3, 3, 3, 8, 5, 2	**5, 4, 4, 18, 4**

Mean:	Mean:
Median:	Median:
Mode:	Mode:

Bonus: Go back to the original Wordle we started with- what would be the probability of guessing the word correctly the first time?

Ashley Taplin @taplinsteaching

Teachers: Use the blank board below to resize and/or copy:

WORDLE

Q W E R T Y U I O P

A S D F G H J K L

ENTER Z X C V B N M ⌫