Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Extension: Reflections & Rotations with Letters!**

1) Write out all of the capital letters:

2) Which of these letters would look the same if you rotated them 180o?

3) Which of these letters would look the same if you rotated them only 90o?

4) Which of these letters would look the same if you reflected them using a vertical line of reflection?

5) Which of these letters would look the same if you reflected them using a horizontal line of reflection?

6) Which letters, upper case or lower case, turn into a different letter when you rotate them 180o?

7) Try to come up as many entire words as you can that look exactly the same when you reflect them using a vertical line of reflection. (The whole word, not each individual letter. So “HOT” would not work because when reflected it would become “TOH”) You may use upper case or lower case letters.

8) Try to come up as many entire words as you can that look exactly the same when you reflect them using a horizontal line of reflection.

9) Try to come up as many entire words as you can that look exactly the same when you rotate them 180o.