Name: _____ Date: _____
MAT1375 – Mr. Kan   Transformations

Follow the online lesson here:
https://openlab.citytech.cuny.edu/mat1375coursehub/lessons/lesson-5-basic-functions-and-transformations/

When you are done, answer the following questions.

If $f(x)$ represents a function, please explain what happens to $f(x)$ from the translations:

1) $f(x + 5)$

2) $f(x) + 7$

3) $f(x) - N$

4) $f(x - 2)$

5) $f(x - 12) + B$

6) $f(-x)$

7) $f\left(\frac{2}{3}x\right)$

8) If $f(x) = 3x^4 + x^2$, is this function odd, even, or neither? Show your work.

9) On a separate piece of paper, submit a drawing of an even function and an odd function.