AFM Unit 1 – Day 3 HW

Describe the transformation of each of the functions given below. List the transformations as they happen from left to right. Sketch each graph.

1) $\frac{1}{3}\sqrt{-(x+2)} + 4$

2) $-\left|\frac{1}{2}(x+4)\right| - 3$

3) $-2(x+3)^2 + 9$

4) $4(-(x-9))^3$

5) $-\frac{1}{2}\sqrt{-2(x+3)} + 1$