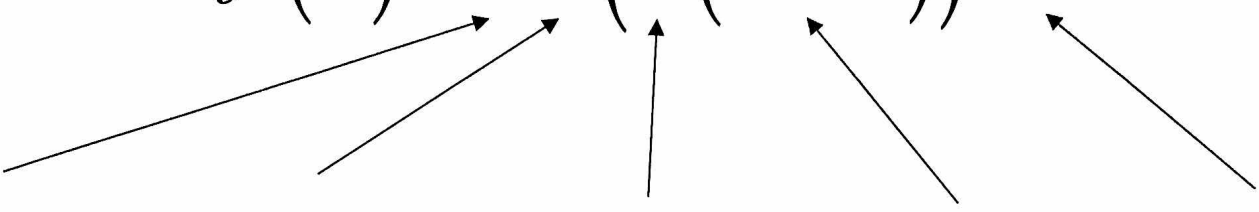


AA PREP—REVIEW OF TRANSFORMATION STRUCTURE

$$f(x) = \pm a(\pm(x-h)) + k$$


EX 1: Identify the parent function and all transformations.

a) $g(x) = 5\sqrt{-x}$

b) $f(x) = \frac{1}{4}(x-9)^2$

c) $y = -\frac{1}{x-6}$

d) $y = 2^{x+9} + 1$

e) $f(x) = 3x^3 + 6$

f) $g(x) = |x-7| - 8$