Math-3 Lesson 1-2 (Vocabulary)

Parent Function: The simplest function in a family of functions (linear, quadratic, cubic functions, etc.)

Transformation: an adjustment made to the parent function that results in a change to the graph of the parent function (left/right shifts, up/down shifts, reflection across x-axis and/or y-axis, vertical and/or horizontal stretching) according the general transformation equation:

$$y = (-1)a(x-h)^2 + k$$

Reflection across x-axis

VSF

left/right

up/down