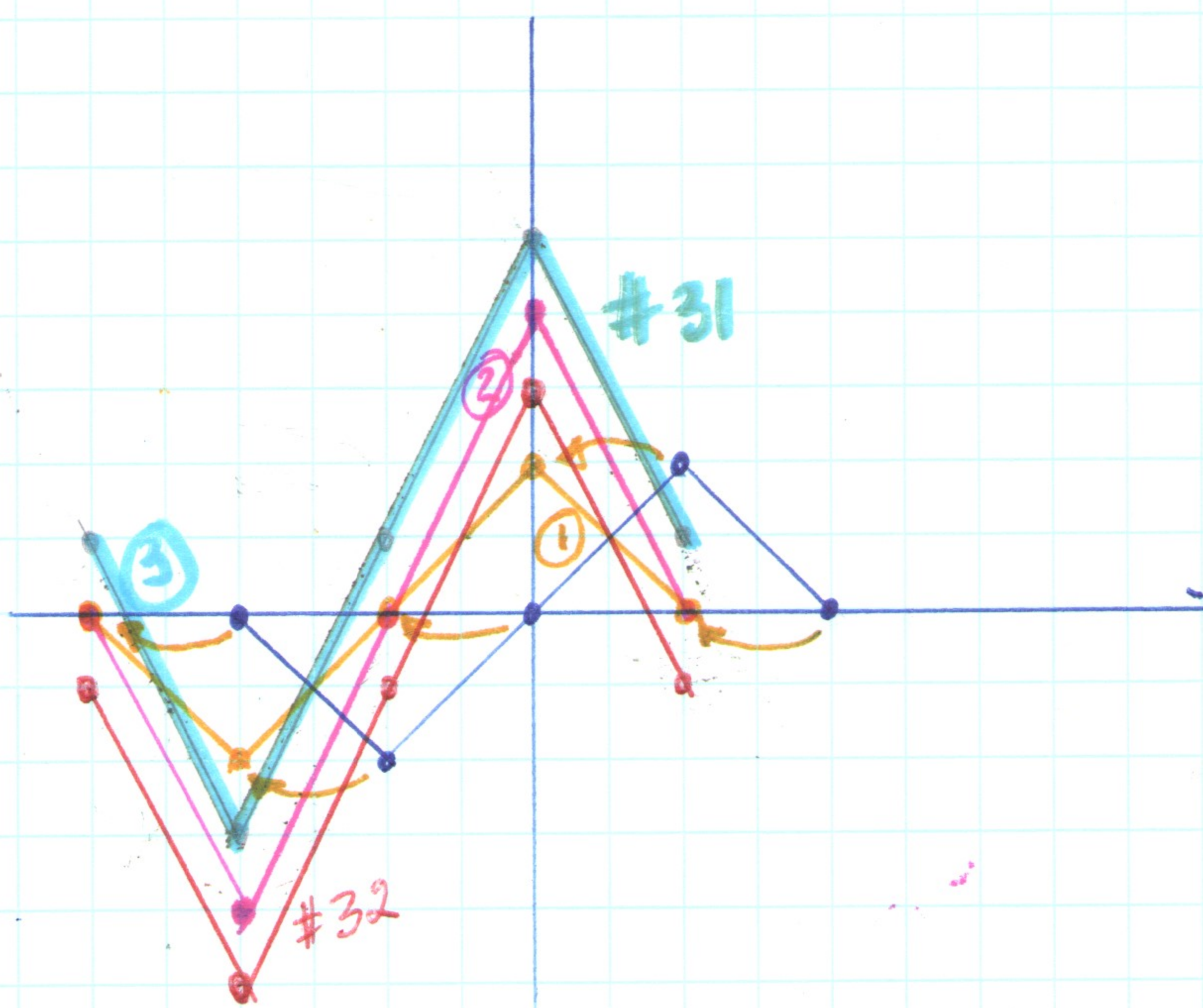


31, 32



#31: $g(x) = 2f(x+2) + 1$

(1) horizontal shift (2 units left) —
 (2) vertical stretching (multiply each y-coordinate by 2)
 (3) vertical shift (1 unit up) —

#32 $g(x) = 2f(x+2) - 1$

- everything as in #31 but the last step:

(3) vertical shift (1 unit down) —