The following are transformations of the functions you graphed in problems 14-17.

14.a. Write the new function that would be created if the function $y = (x + 2)^2 - 3$ is shifted right 1 unit and up 3?

15.a. Write the new function that would be created if the function $y = -2|x - 3| + 2$ is vertically stretched by a factor of 3 shifted down 1 unit?

16.a. What transformations would change the function $y = 4x + 5$ to $y = -x$?

17.a. What transformations of $y = (x + 2)^2 - 3$ yield the function $y = -\frac{1}{2}(x - 1)^2 + 9$?