HW 5-2 Graphing Transformations Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Secondary 3 Period\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Rewrite the function in the form f(x) = q(x) + $\frac{r(x)}{d(x)}$ , then write the transformations from its parent function and sketch a complete graph of f(x).

1. f(x) = $\frac{3x + 1}{x-2}$ 2. g(x) = $\frac{x+2}{x-1}$





3. h(x) = $\frac{x-1}{x+1}$ 4. j(x) = $\frac{3x +6}{2x-4}$

7.  8. 



9.  10. 