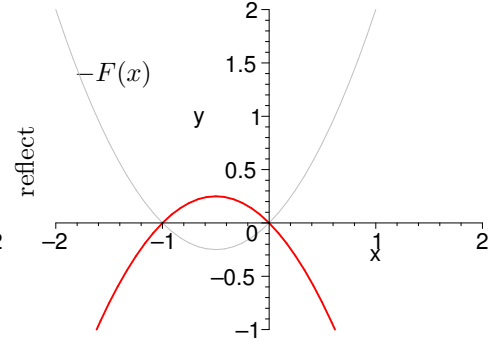
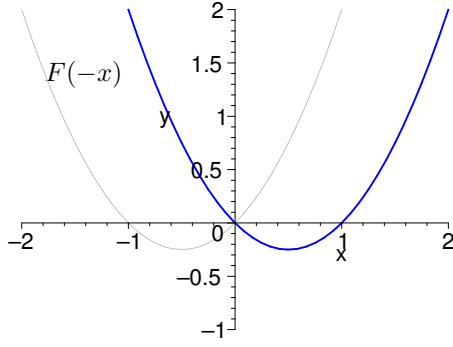
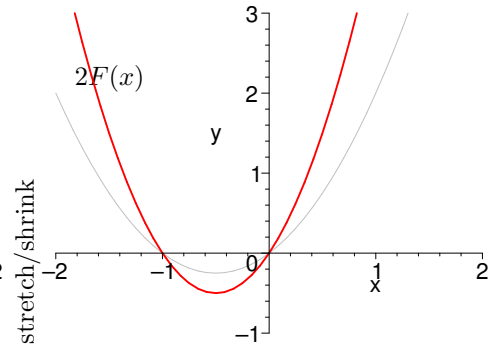
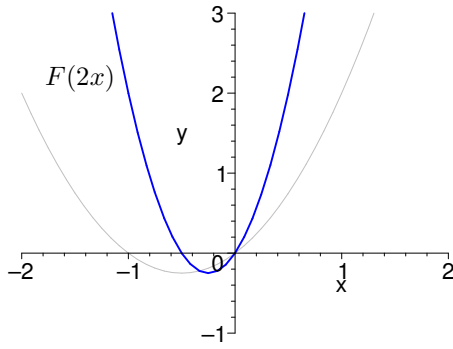
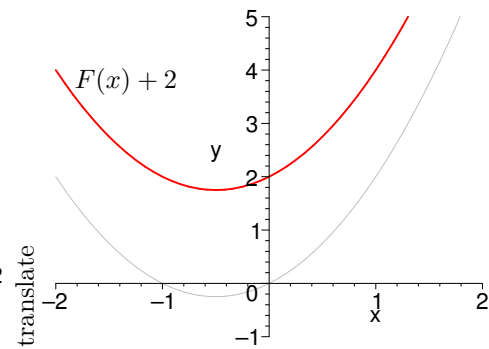
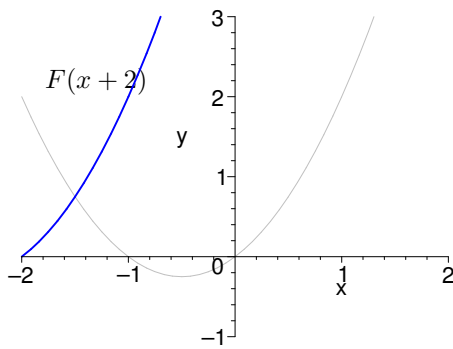
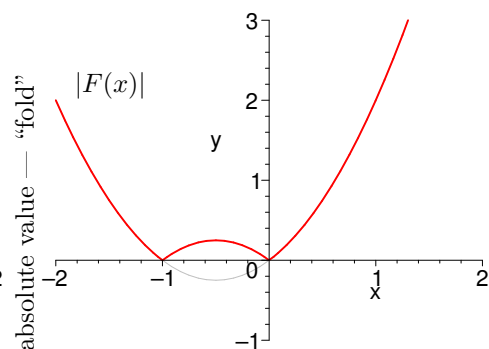
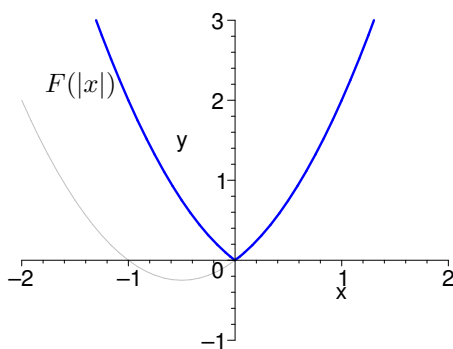
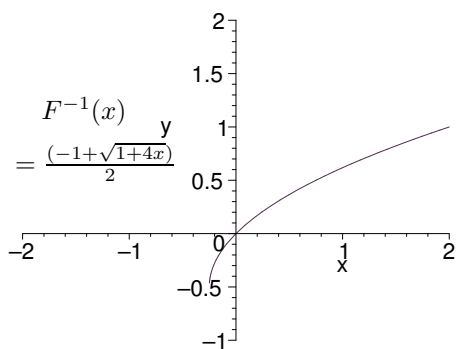
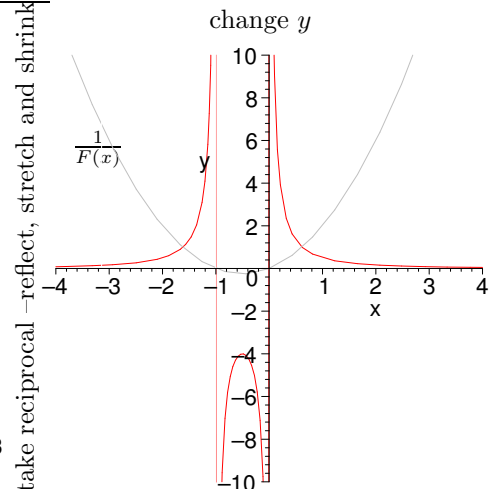
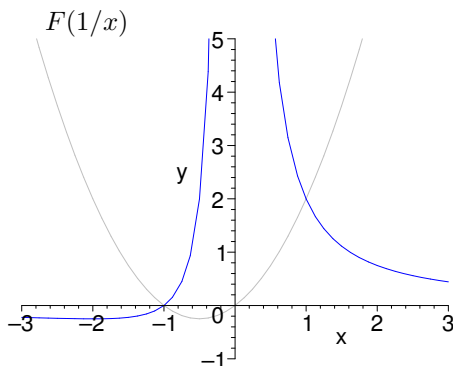
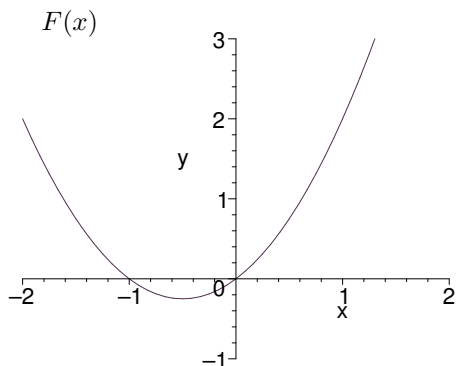


Transformations of a parabola, $F(x) = x^2 + x$

$F(x)$ and inverse

change x

change y



Exercise:

Write the transformations as rational functions in x

E.g., $F(1/x) = \frac{1}{x^2} + \frac{1}{x} = \frac{x+1}{x^2}$

The graph $F(x)$ appears in grey in each graph, to compare with the transform.