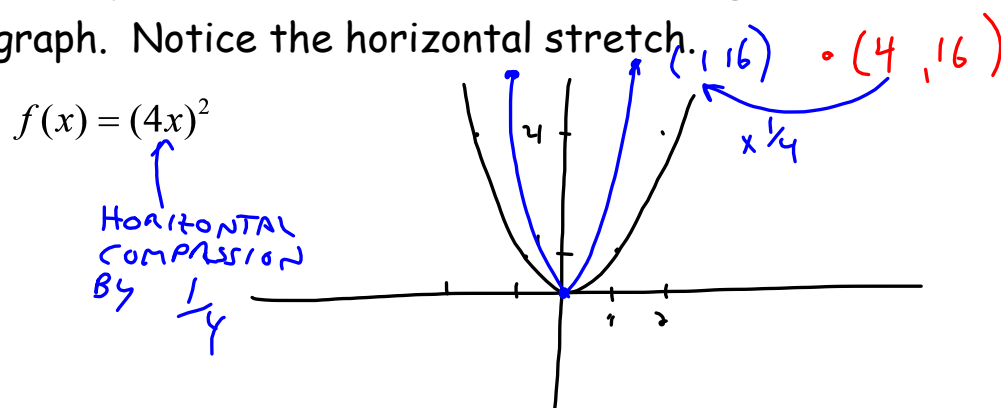


1.7 Horizontal Stretches $f(kx)$ Feb 10

Sketch the parent quadratic and the following function on the same graph. Notice the horizontal stretch.

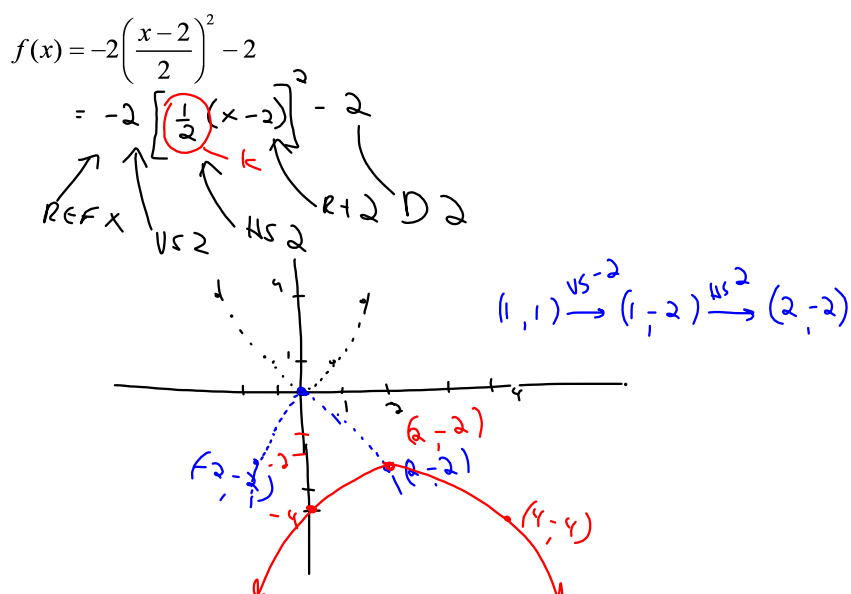
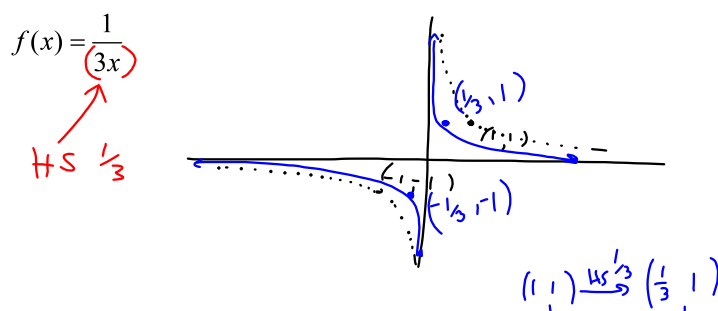
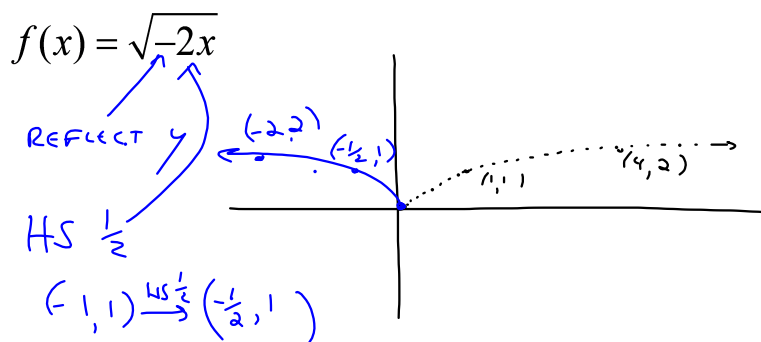
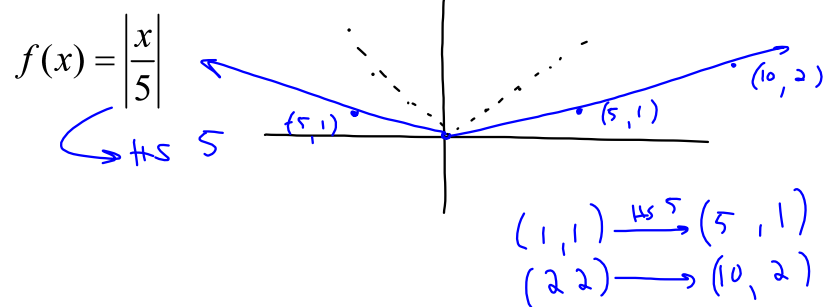


In general, $y=f(kx)$ has a horizontal stretch of $1/k$

Also, if $k < 0$ then there is a horizontal reflection.

REFLECT IN y -axis

Sketch



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