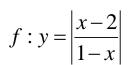
PR.1:
$$f: y = \left| \frac{2x+1}{x+1} \right|$$

$$f'$$
: $y = \frac{2x+1}{x+1} = 2 + \frac{-1}{x+1}$

$$S[-1,2], P_x \left[\frac{-1}{2}, 0 \right], P_y[0,1]$$



$$f': y = \frac{x-2}{1-x} = \frac{-x+2}{x-1} = -1 + \frac{1}{x-1}$$

$$S[1,-1], P_x[2,0], P_y[0,-2]$$

$$f: y = \frac{x-2}{|1-x|}$$

$$f': y = \frac{x-2}{1-x} = \frac{-x+2}{x-1} = -1 + \frac{1}{x-1} \quad x \in (-\infty,1)$$

$$S'[1,-1], P_x[2,0], P_y[0,-2]$$

$$S'[1,-1], P_x[2,0], P_y[0,-2]$$

$$f'': y = \frac{x-2}{x-1} = 1 - \frac{1}{x-1}$$
 $x \in (1, \infty)$

$$S''[1,1], P_x[2,0], P_y[0,2]$$

