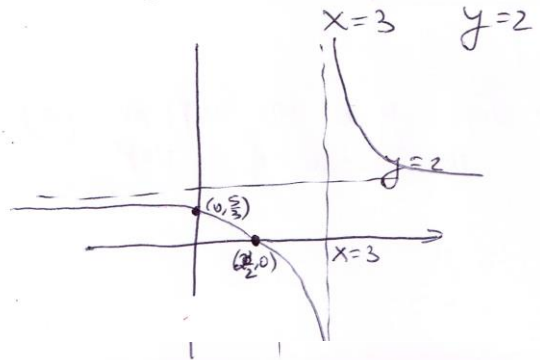


0.39  
2

$$y = \frac{2x-5}{x-3}$$

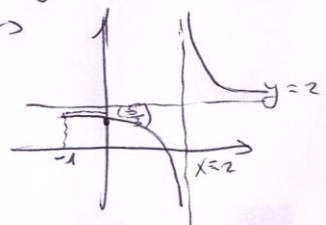
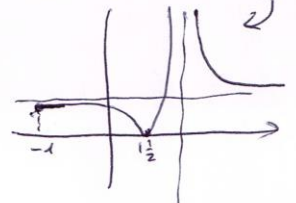


אסימטוטה אנכית:  $x=3$   
 אסימטוטה אופקית:  $y=2$   
 נקודות:  $(0, \frac{5}{3})$   
 $(\frac{5}{2}, 0)$

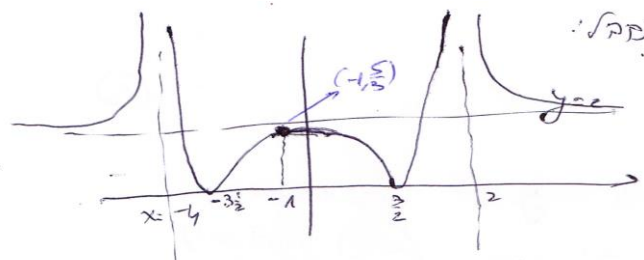
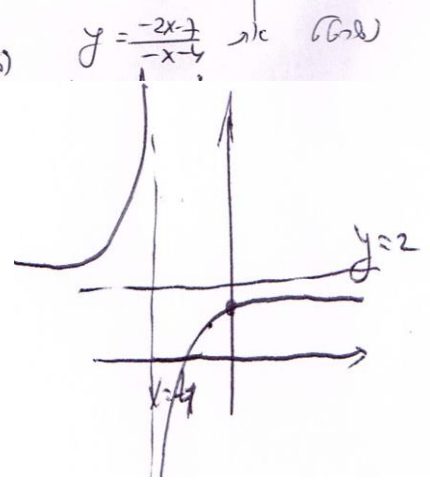
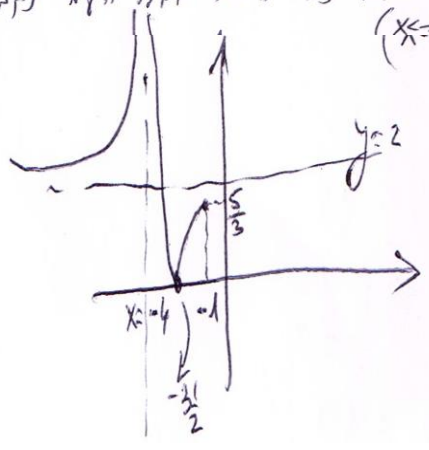
$$y = \begin{cases} \frac{2x-3}{x-2} & x > -1 \\ \frac{-2x-7}{-x-4} & x < -1 \end{cases}$$

אם  $x > -1$  אז  $y = \frac{2x-3}{x-2}$   
 אם  $x < -1$  אז  $y = \frac{-2x-7}{-x-4}$

אם  $x > -1$  אז  $y = \frac{2x-3}{x-2}$  (אם  $x > 2$ )



אם  $x < -1$  אז  $y = \frac{-2x-7}{-x-4}$  (אם  $x < -4$ )



תחום הגדרה:  $x < -4$  או  $-1 < x < 2$

אם  $y = m$  אז  $0 < m < \frac{5}{3}$  או  $2 < m$   
 אם  $y = m$  אז  $2 < m$