

1.37  
2

$$\log_7(2x-5) > \log_7(x-3)$$

$$\log_7(2x-5) > -\log_7(x-3)$$

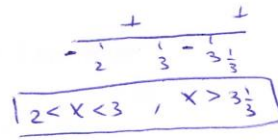
$$\log_7(2x-5) > \log_7 \frac{1}{x-3}$$

$$2x-5 > \frac{1}{x-3}$$

$$0 < \frac{2x^2-11x+15-1}{x-3} = \frac{2x^2-11x+14}{x-3} \begin{cases} x=3\frac{1}{2}, 2 \\ x=3 \end{cases}$$

מקבלים הבעיה

$$\begin{aligned} \boxed{x > 3} &\leftarrow x-3 > 0 \\ x > 2\frac{1}{2} &\leftarrow 2x-5 > 0 \end{aligned}$$



$\boxed{x > 3\frac{1}{2}}$  (קבל) חזונו, עם ת"ר