

1.109  
1

$$(2m+1)4^{-x} - 2(5m+2)2^{-x} + 5m+3 = 0$$

(pp) |  $2^{-x} = t$  | NO

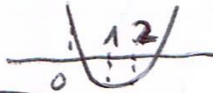
$$t^2(2m+1) - 2t(5m+2) + 5m+3 = 0$$

$x < -1, x > 0$

$$t_2 = 2^{-x} \cdot 2 = 2 \quad \text{or} \quad t_1 = 2^{-x} \leq 2^0 = 1$$

$2m+1 \neq 0$  pp aliyada 2 ta element

$$t^2 - t \left( \frac{10m+4}{2m+1} + \frac{5m+3}{2m+1} \right) = 0$$



$$\text{or } f(0) = \frac{5m+3}{2m+1} + \frac{-\frac{1}{2} - \frac{1}{2}}{\frac{5}{2}}$$

$$\boxed{m > -\frac{1}{2}} \\ \boxed{m < -\frac{3}{5}}$$

$$\text{or } f(1) = 1 - \frac{10m+4}{2m+1} + \frac{5m+3}{2m+1} = \frac{-3m}{2m+1}$$

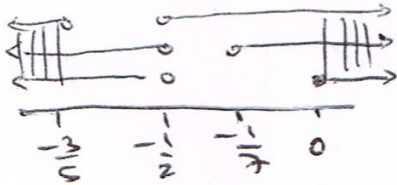
$$+ \frac{-\frac{1}{2} - 0}{\frac{5}{2}}$$

$$\boxed{m > 0} \\ \boxed{m < -\frac{1}{2}}$$

$$\text{or } f(2) = 4 - \frac{20m+8}{2m+1} + \frac{5m+3}{2m+1} = \frac{-7m+1}{2m+1}$$

$$+ \frac{-\frac{1}{2} - \frac{1}{2}}{\frac{5}{2}}$$

$$\boxed{m > -\frac{1}{2}} \\ \boxed{m < -\frac{1}{2}}$$



$$\boxed{m > 0} \\ \boxed{m < -\frac{3}{5}}$$