

$$\begin{matrix} 1.109 \\ 1 \end{matrix}$$

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

(ppj) $2^{-x} = t$ $|^{\log}$

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

$x < -1, x > 0$

$$t_2 = 2^{-x} \geq 2^1 = 2 \quad 0 < t_1 = 2^{-x} \leq 2^0 = 1$$

$2m+1 \neq 0 \quad \text{p} \cap \text{r} \neq \text{e} \quad \text{2 nklens}$

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

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$$\Rightarrow f(0) = \frac{5m+3}{2m+1} \quad \begin{matrix} + \\ -\frac{3}{5} \end{matrix} \quad \begin{matrix} + \\ \frac{1}{2} \end{matrix}$$

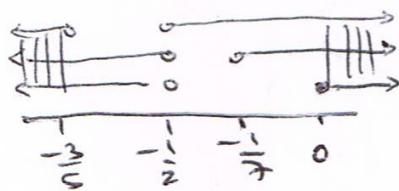
$m > -\frac{1}{2}$
 $m < -\frac{3}{5}$

$$\Rightarrow f(1) = 1 - \frac{10m+4}{2m+1} + \frac{5m+3}{2m+1} = \frac{-3m}{2m+1} \quad \begin{matrix} + \\ -\frac{1}{2} \end{matrix} \quad \begin{matrix} + \\ 0 \end{matrix} \quad \begin{matrix} m \\ - \end{matrix}$$

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

$$\Rightarrow f(2) = 4 - \frac{20m+8}{2m+1} + \frac{5m+3}{2m+1} = \frac{-15m-1}{2m+1} \quad \begin{matrix} + \\ -\frac{1}{2} \end{matrix} \quad \begin{matrix} + \\ -\frac{1}{2} \end{matrix} \quad \begin{matrix} m \\ - \end{matrix}$$

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



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