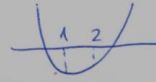


4.8  
1

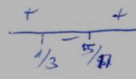
$$(3m-1)x^2 - 2mx + 3m-1 = 0 \quad \because (3m-1) \neq 0$$

1)  $m \neq \frac{1}{3}$

$$x^2 - \frac{2m}{3m-1}x + 1 = 0$$



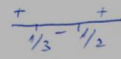
$$0 > f(2) = 4 - \frac{4m}{3m-1} + 1 = \frac{4m-3}{3m-1}$$



$$\frac{1}{3} < m < \frac{5}{4}$$

$$\frac{1}{3} < m < \frac{5}{4}$$

$$0 > f(1) = 1 - \frac{2m}{3m-1} + 1 = \frac{4m-2}{3m-1}$$



$$\frac{1}{3} < m < \frac{1}{2}$$