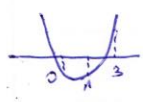


1.60

$$mx^2 - (3m-1)x + 1-m = 0$$

התקיים x^2 של x^2 ו-2 נקודות
 $m \neq 0$



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

$f(0) < 0$, $f(1) < 0$, $f(3) > 0$

$0 > \frac{c}{a}$ = נקודות של x^2

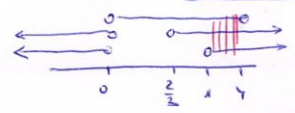
① $0 < 9 - \frac{9m-3}{m} + \frac{1-m}{m} > 0$

$0 < \frac{9m - 9m + 3 + 1 - m}{m} = \frac{4-m}{m}$ $\frac{+}{-0 \quad 4-}$ $0 < m < 4$

② $0 > 1 - \frac{3m-1}{m} + \frac{1-m}{m} = \frac{m - 3m + 1 + 1 - m}{m} = \frac{-3m+2}{m}$ $\frac{+}{-0 \quad \frac{2}{3}-}$

③ $0 > 0 - 0 + \frac{1-m}{m} = \frac{1-m}{m}$ $\frac{+}{-0 \quad 1-}$ $m < 0 \vee m > \frac{2}{3}$

④ $0 > \frac{1-m}{m}$



$1 < m < 4$