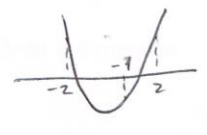


1.89
71

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

$m \neq 1$ (2, 3) ו-1 (2) את המשוואה

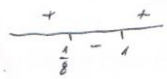
$$x^2 - \frac{2m+1}{m-1}x + \frac{1}{m-1} = 0$$



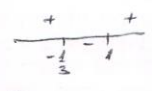
$$0 < f(-2) = 4 + \frac{4m+2}{m-1} + \frac{1}{m-1} = \frac{8m-1}{m-1}$$

2, 3

$$\boxed{m < \frac{1}{8} \text{ or } m > 1}$$

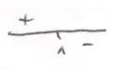


$$0 > f(-1) = 1 + \frac{2m+1}{m-1} + \frac{1}{m-1} = \frac{3m+1}{m-1}$$



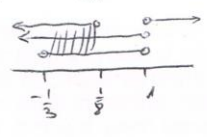
$$\boxed{-\frac{1}{3} < m < 1}$$

$$0 < f(2) = 4 - \frac{4m+2}{m-1} + \frac{1}{m-1} = \frac{-7}{m-1}$$



$$\boxed{m < 1}$$

$$\boxed{-\frac{1}{3} < m < \frac{1}{8}}$$



2, 3