

1.64

$$(2m-6)x^2 + mx - 1 > 3x - 2$$

(מקרה) $m \neq 3$ $\leftarrow a \neq 0$

$$(2m-6)x^2 + x(m-3) + 1 > 0$$

$\Delta < 0$! $a > 0$ (הנחה)

$$2m-6 > 0 \quad \text{פ>1}$$

$$(m-3)^2 - 4(2m-6) < 0$$

$$m > 3$$

$$m^2 - 6m + 9 - 8m + 24 < 0$$

$$m^2 - 14m + 33 < 0$$



$$\boxed{3 < m < 11}$$

