

0.41
2

$$\begin{cases} (m-2)x + 3y = -1 \\ |x| + my = 2 \end{cases}$$

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הצבה של $x \geq 0$
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$$\frac{m-2}{1} \neq \frac{3}{m}$$

צריך וחיוב

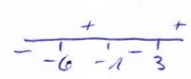
$$m^2 - 2m - 3 \neq 0 \quad m \neq 3, -1$$

הצבה של $m=0$ והצבה של $m=3, -1$

$$x = \frac{\Delta x}{\Delta} = \frac{\begin{vmatrix} -1 & 3 \\ 2 & m \end{vmatrix}}{\begin{vmatrix} m-2 & 3 \\ 1 & m \end{vmatrix}} = \frac{-m-6}{m^2-2m-3}$$

צריך $x \geq 0$

$$0 \leq \frac{m+6}{(m-3)(m+1)}$$



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

$$\boxed{-6 \geq m}$$

$$\begin{cases} (m-2)x + 3y = -1 \\ -x + my = 2 \end{cases}$$

$x < 0$

$$\frac{m-2}{-1} \neq \frac{3}{m}$$

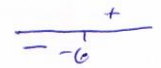
צריך חיוב

$$m^2 - 2m + 3 \neq 0 \rightarrow m \in \mathbb{R}$$

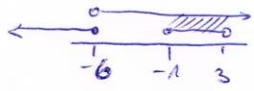
$$x = \frac{\Delta x}{\Delta} = \frac{\begin{vmatrix} -1 & 3 \\ 2 & m \end{vmatrix}}{\begin{vmatrix} m-2 & 3 \\ -1 & m \end{vmatrix}} = \frac{-m-6}{m^2-2m+3}$$

$x < 0$

$$0 < \frac{m+6}{m^2-2m+3}$$



$$\boxed{m > -6}$$



חיוב המכנה

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

2 צריך