

1.84
4

$$\begin{cases} |x-2| + |y-3| - 2 = 0 & (1) \\ x - |y-3| - 1 = 0 & (2) \end{cases}$$

(1)

(2)

(2)

$$x - 1 = |y - 3|$$

$$|x-2| + x - 1 - 2 = 0$$

(1)

מכיוון ש $x \geq 2$

$$|x-2| + x - 3 = 0$$

$$x \geq 2$$

$$x - 2 + x - 3 = 0$$

$$2x = 5$$

$$x = 2\frac{1}{2}$$

$$x - 1 = |y - 3|$$

y (אם $x \geq 2$)

$$2\frac{1}{2} - 1 = |y - 3|$$

$$1\frac{1}{2} = |y - 3|$$

$$\begin{aligned} \rightarrow y - 3 = 1\frac{1}{2} &\rightarrow y = 4\frac{1}{2} \rightarrow (2\frac{1}{2}, 4\frac{1}{2}) \\ \rightarrow y - 3 = -1\frac{1}{2} &\rightarrow y = 1\frac{1}{2} \rightarrow (2\frac{1}{2}, 1\frac{1}{2}) \end{aligned}$$

$$-x + 2 + x - 3 = 0$$

$$x \leq 2$$

$$-1 = 0$$

∅

$$|x-2| + |y-3| - 2 = 0$$

מרחב פתרון

$$x - 2 + |y - 3| - 2 = 0$$

מכיוון ש $x \geq 2$

$$x \geq 2$$

$$y \geq 3$$

$$y = -x + 7$$

אם $x \geq 2$

$$(4, 3) \quad (2, 5)$$

$$x - 2 - (y - 3) - 2 = 0$$

$$x \geq 2$$

$$y \leq 3$$

$$y = x - 2$$

אם $x \geq 2$

$$(4, 3) \quad (2, 4)$$

$$-(x-2) + |y-3| - 2 = 0$$

$$x \leq 2$$

$$y \geq 3$$

$$y = x + 3$$

אם $x \leq 2$

$$(0, 3) \quad (2, 5)$$

$$-(x-2) - (y-3) - 2 = 0$$

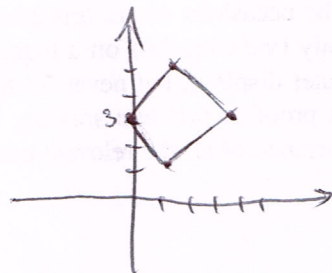
$$x \leq 2$$

$$y \leq 3$$

$$y = -x + 3$$

אם $x \leq 2$

$$(0, 3) \quad (2, 1)$$



$$x - |y - 3| - 1 = 0$$

$$x - y + 3 - 1 = 0$$

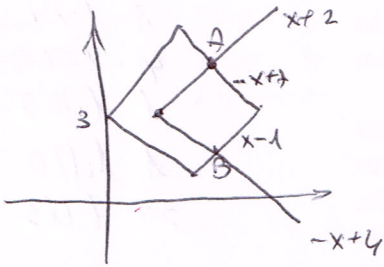
$$y = x + 2$$

$$(2, 4)$$

$$x + y - 3 - 1 = 0$$

$$y = -x + 4$$

$$(2, 2)$$



משוואה רגילה

$$y \geq 3$$

$$(1, 3) \quad \text{נק' התחום}$$

$$y \leq 3$$

$$(1, 3) \quad \text{נק' התחום}$$

2 הנקודות

נק' התחום

$$-x + 7 = x + 2$$

$$x = 2\frac{1}{2} \leftarrow \text{B} = 2x$$

$$A(2\frac{1}{2}, 4\frac{1}{2})$$

$$x - 1 = -x + 4 \quad \text{:B}$$

$$x = 2\frac{1}{2} \leftarrow 2x = 5$$

$$B(2\frac{1}{2}, 1\frac{1}{2})$$