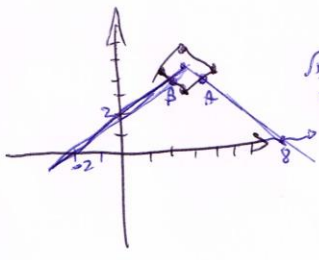
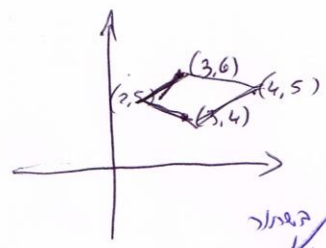


1.69
1. $\textcircled{1c} \begin{cases} |x-3| + |y-5| = 1 \\ |x-3| + y = 5 \end{cases}$



$x-3+y-5=1$
 $y = -x+9$
(4, 5) (3, 6)

$x-3-(y-5)=1$
 $y = x+1$
(4, 5) (3, 4)

$-(x-3)+y-5=1$
 $y = x+3$
(2, 5) (3, 6)

$-(x-3)-(y-5)=1$
 $y = -x+7$
(2, 5) (3, 4)

$x-3+y=5$
 $y = -x+8$
(8, 0) (3, 5)

$-(x-3)+y=5$
 $y = x+2$
(0, 2) (3, 5)

תחום המעטפת הראשונית:

$x \geq 3$
 $y \geq 5$

תחום $\hat{N}$
 $x \geq 3$
 $y \leq 5$

תחום $\hat{N}$
 $x \leq 3$
 $y \geq 5$

תחום $\hat{N}$
 $x \leq 3$
 $y \leq 5$

תחום המעטפת השנייה:

$x \geq 3$

תחום $\hat{A}$
 $x \leq 3$

תחום $\hat{N}$

$A(3\frac{1}{2}, 4\frac{1}{2}) \leftarrow x = 3\frac{1}{2} \leftarrow -x+8 = x+1$

$B(2\frac{1}{2}, 4\frac{1}{2}) \leftarrow x = 2\frac{1}{2} \leftarrow x+2 = -x+7$

:A

:B

$\textcircled{2}$