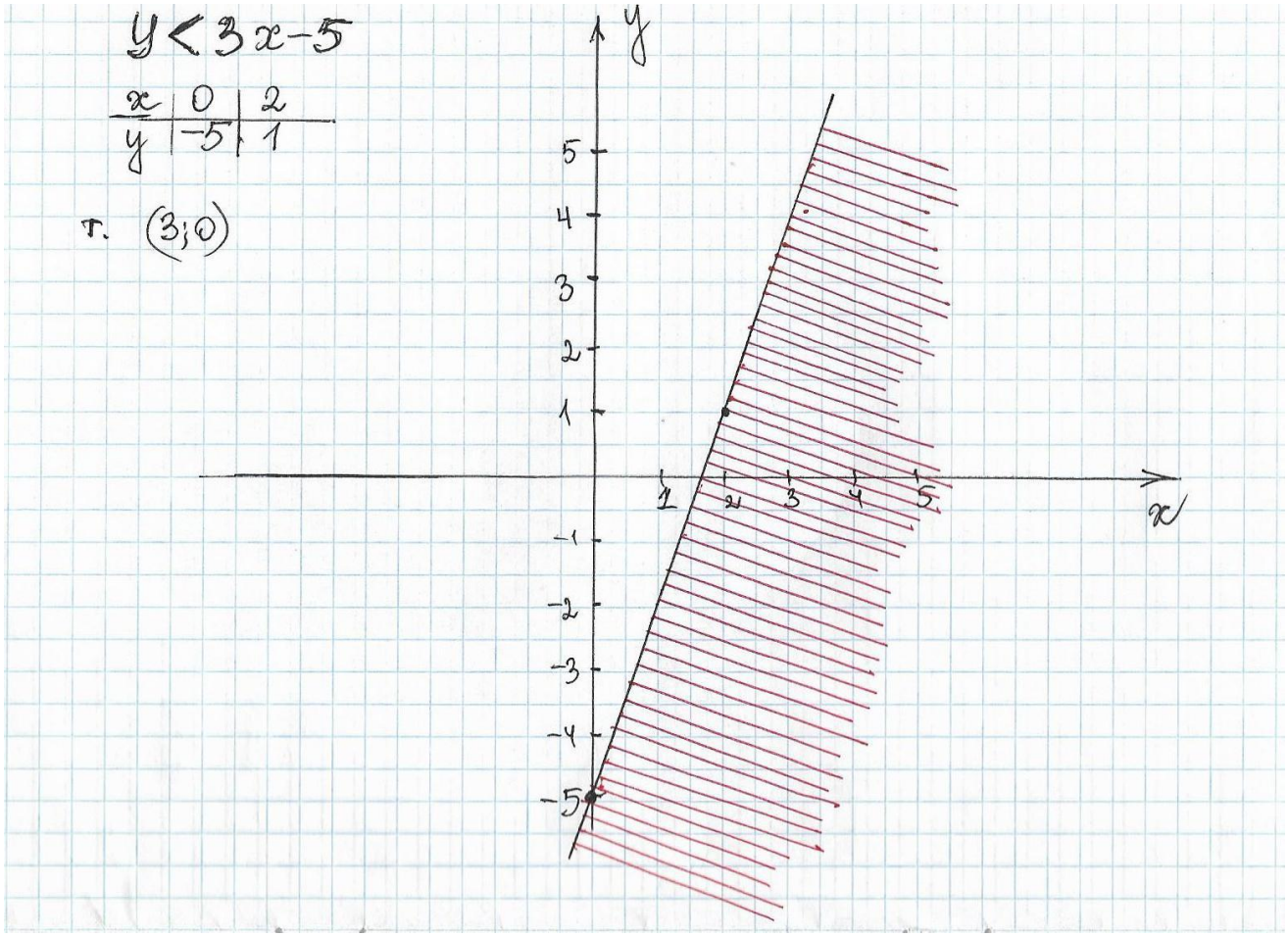
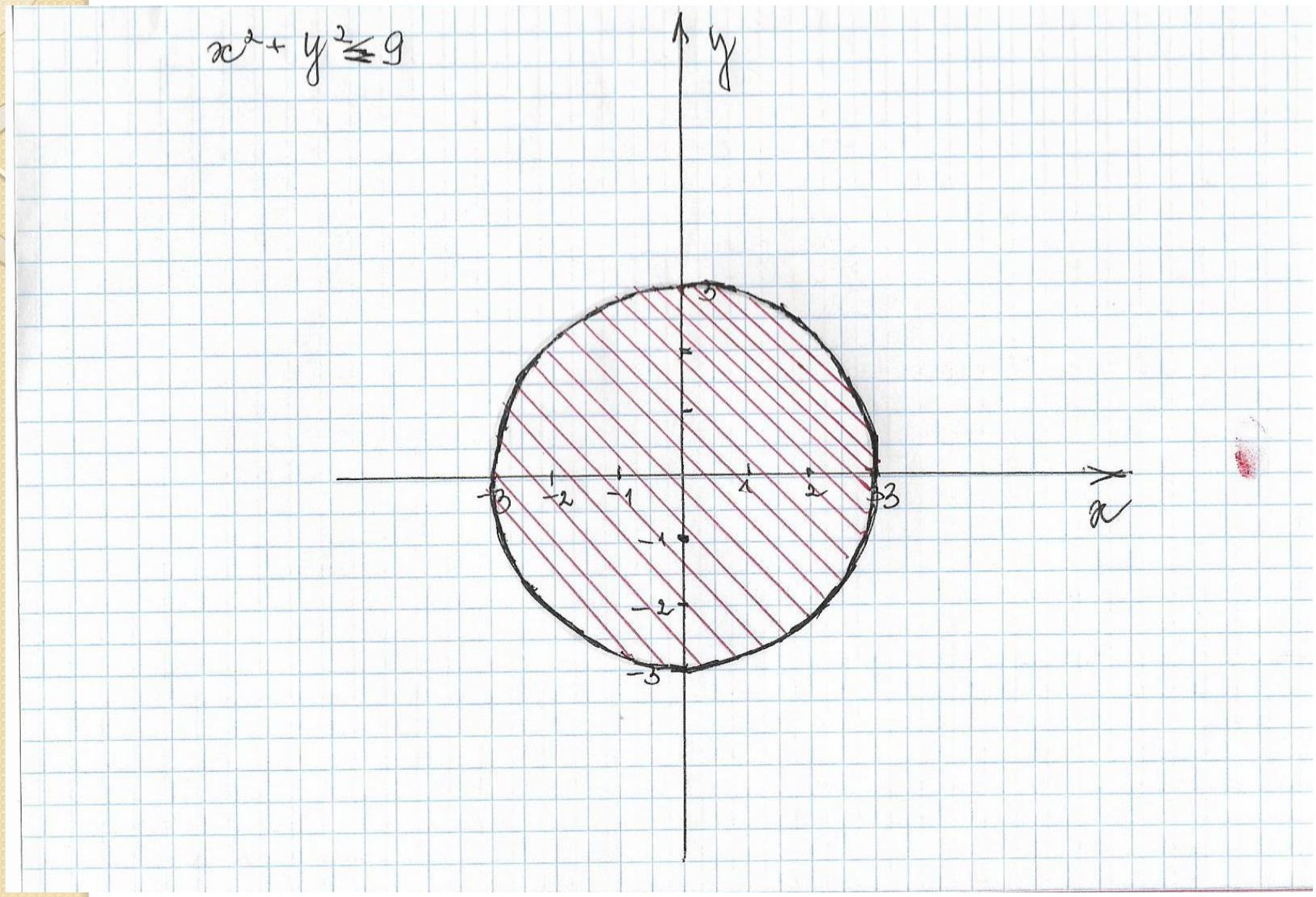
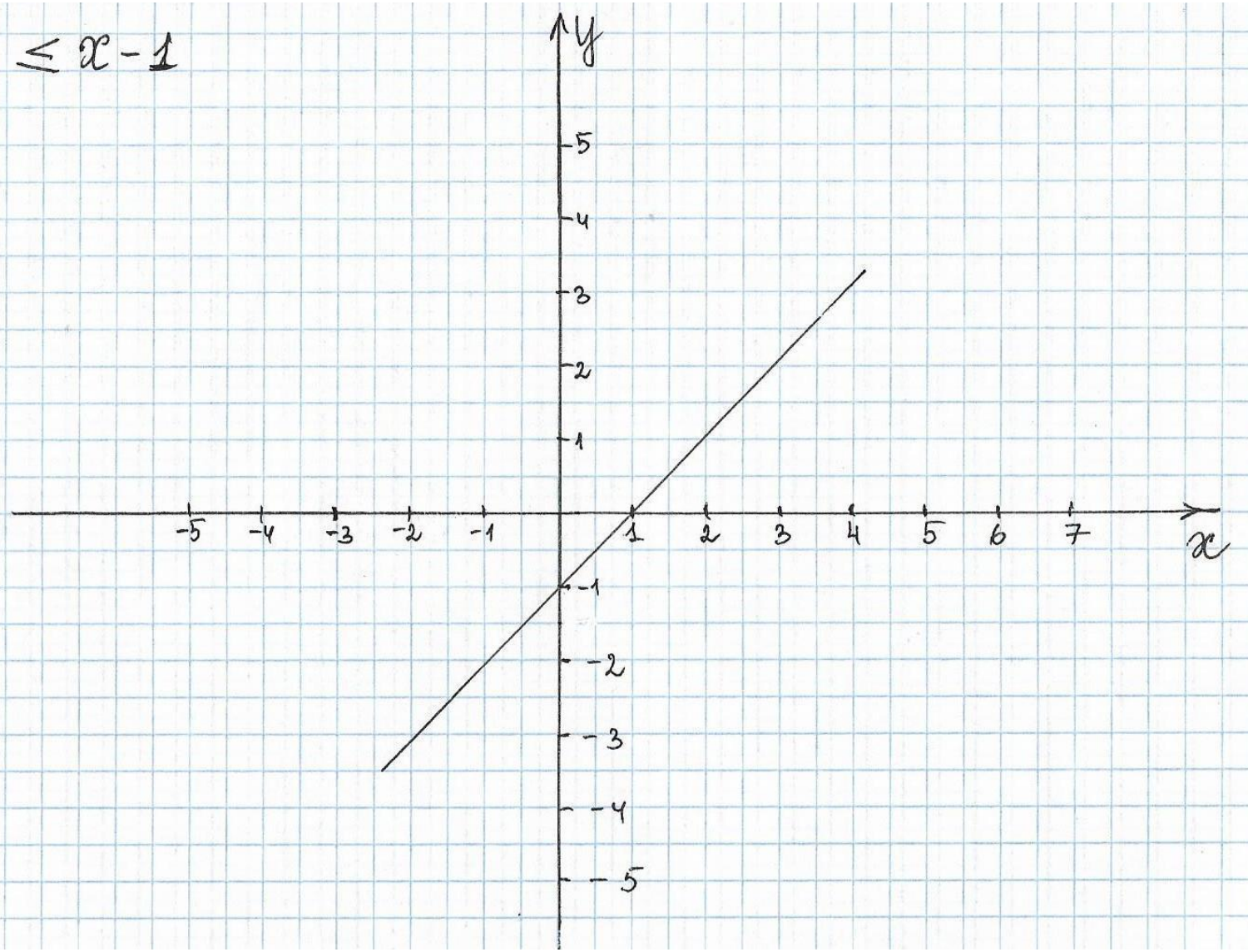
Тема: Решение неравенств с двумя переменными

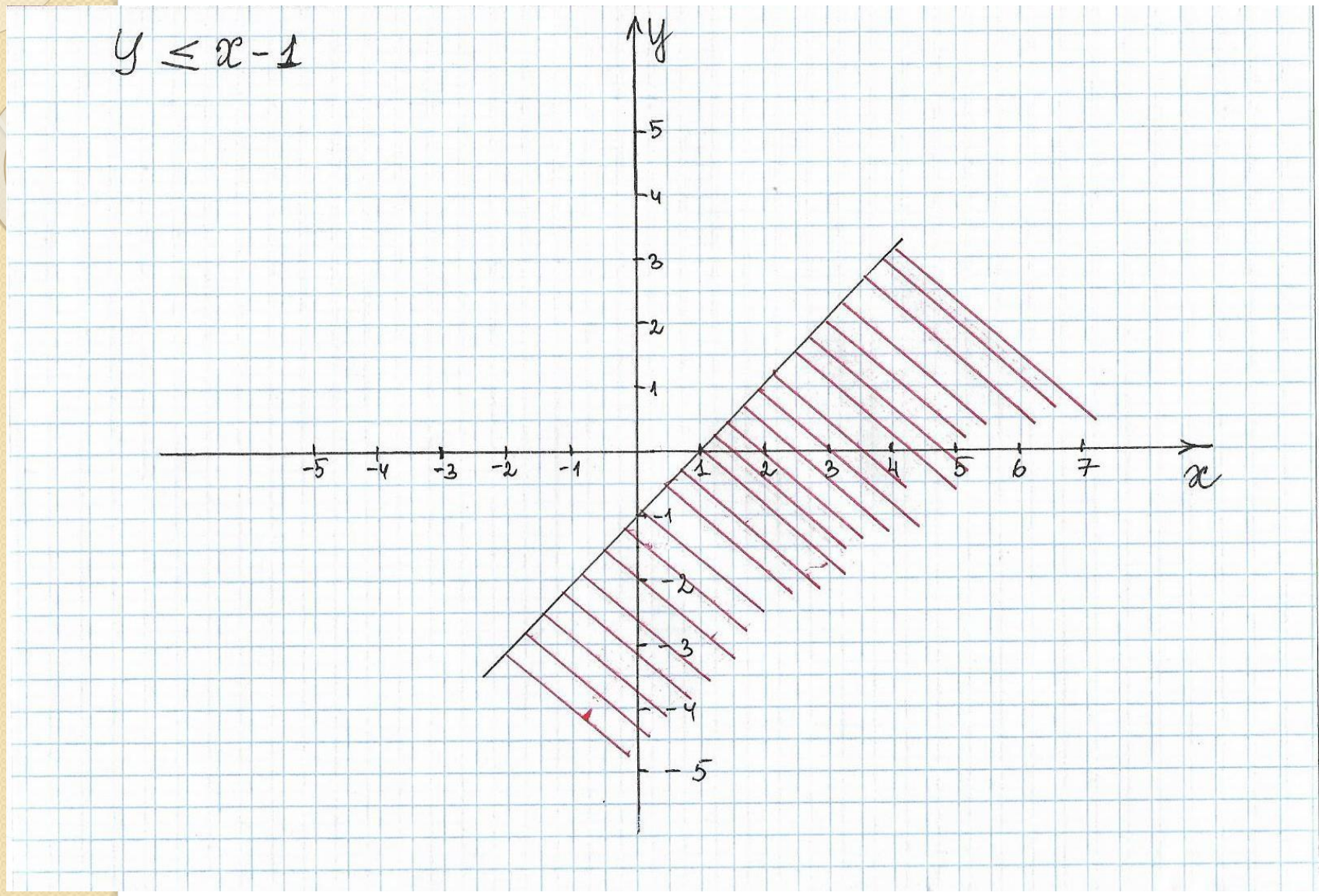
Проверка домашнего задания

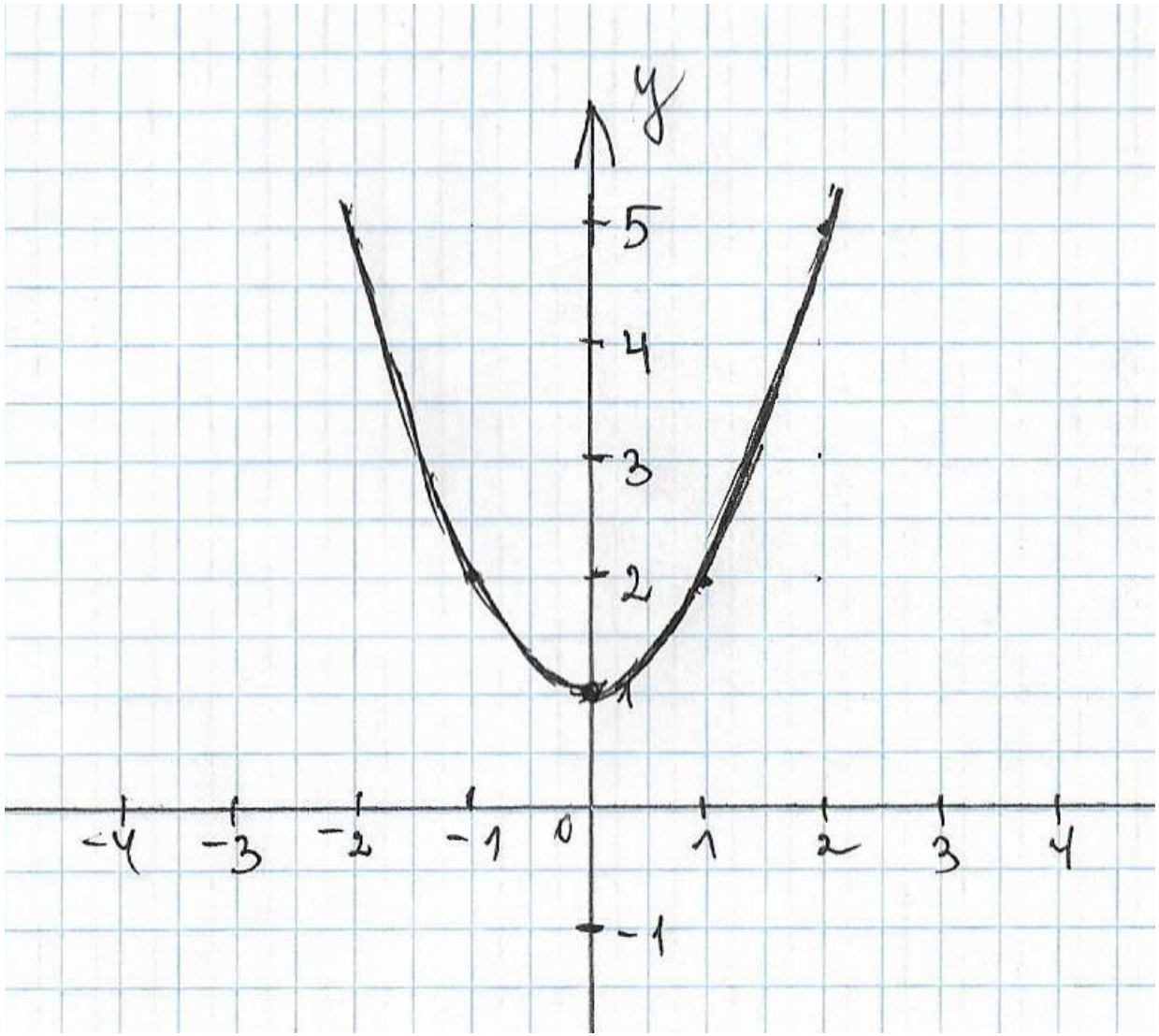


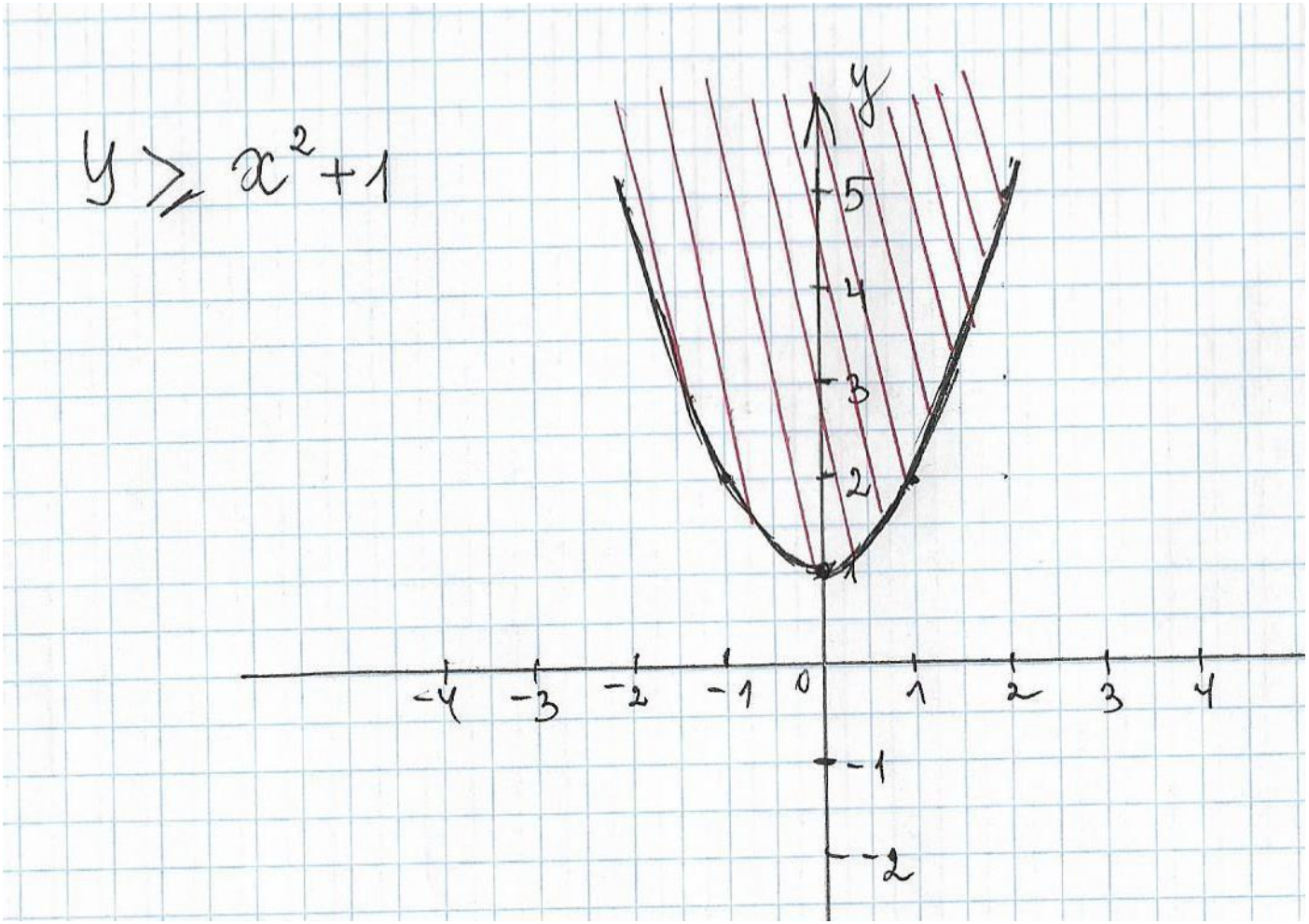

$x^2 + y^2 \leq 9$
y
x
3
2
1
-1
-2
-3
-3
-2
-1
1
2
3

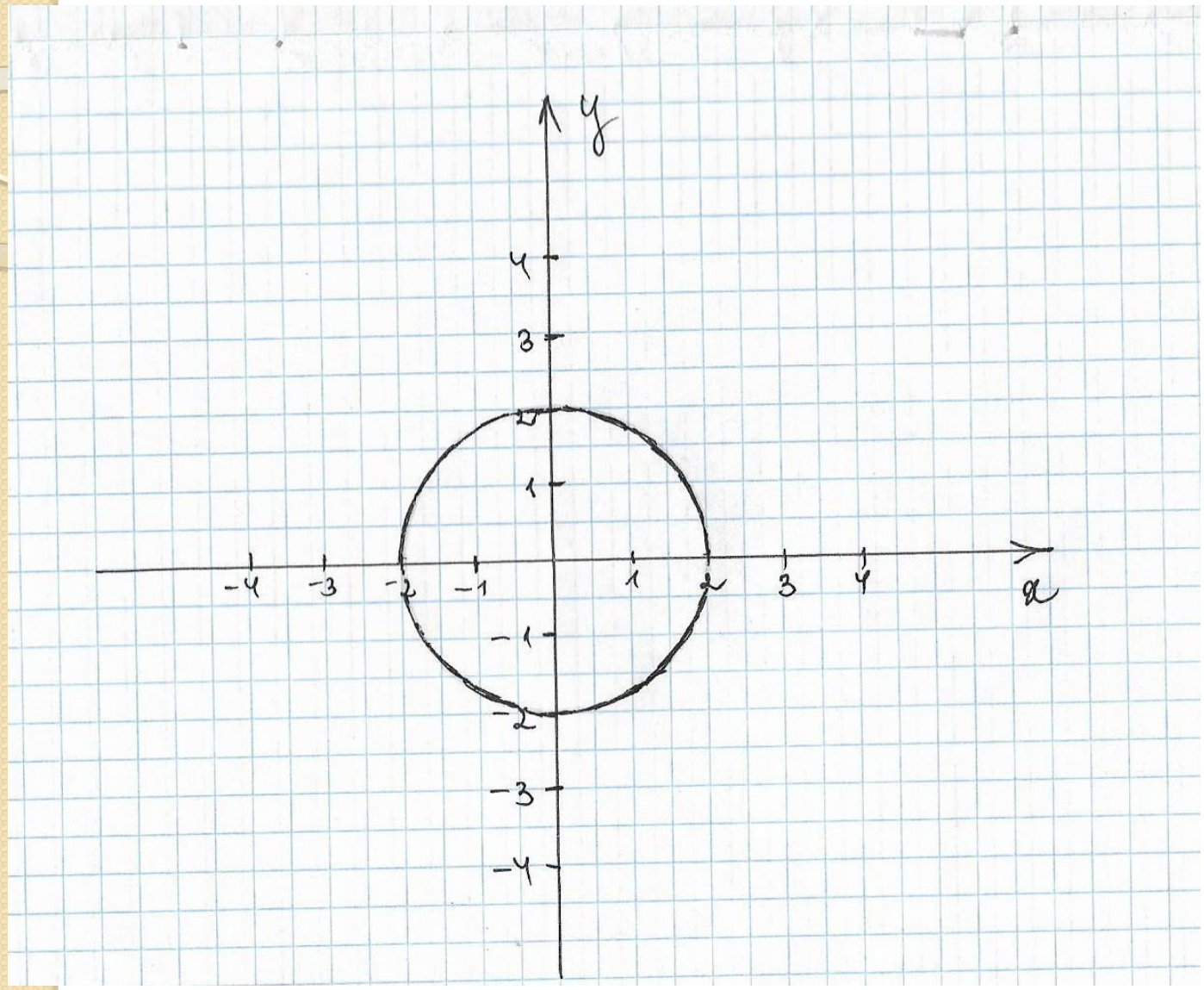
$y \leq x - 1$

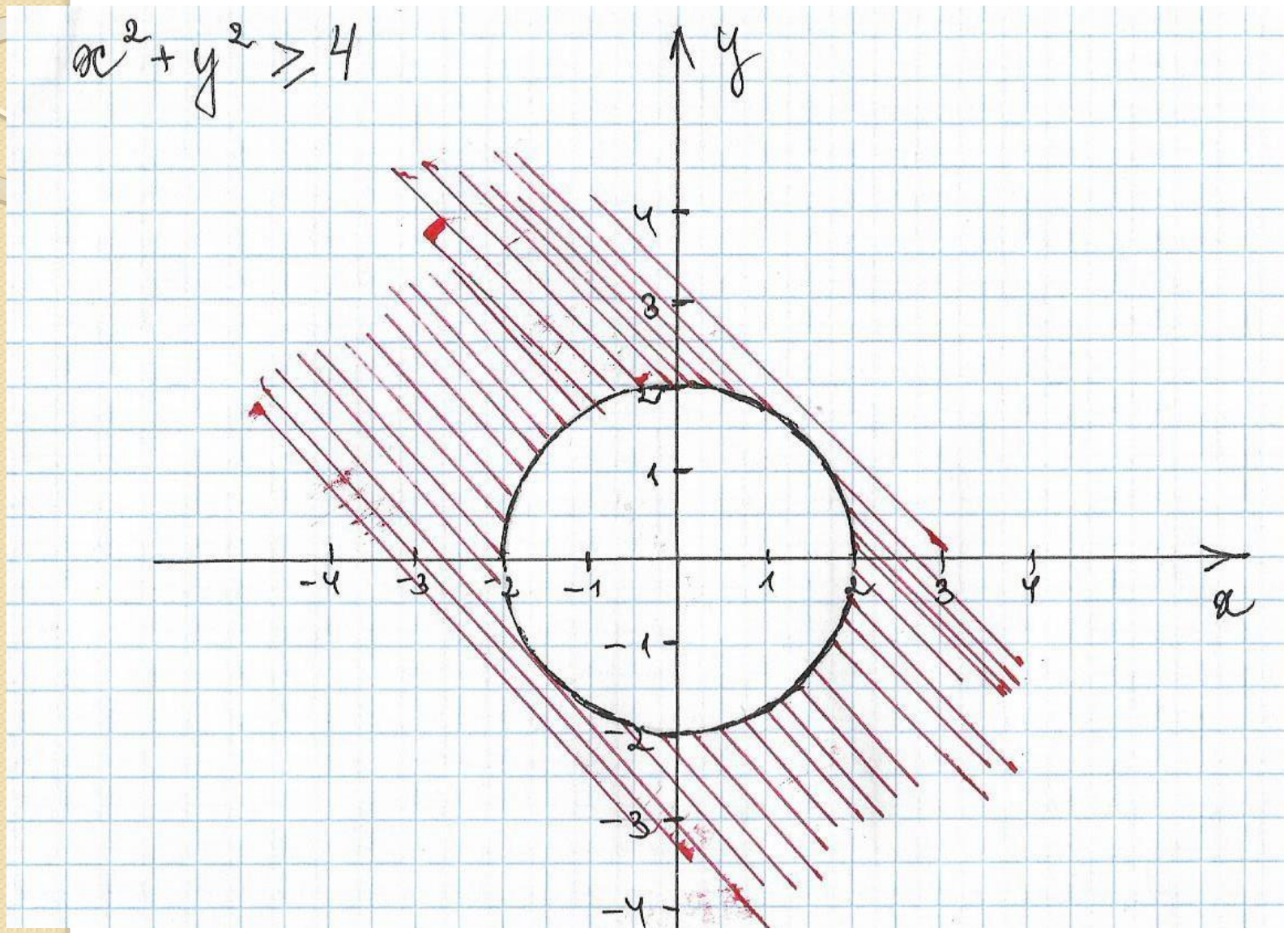



y ≤ x - 1
y
x
5
4
3
2
1
-1
-2
-3
-4
-5
-5
-4
-3
-2
-1
1
2
3
4
5
6
7


y
5
4
3
2
1
-1
-4
-3
-2
-1
0
1
2
3
4


$y \geq x^2 + 1$
y
5
4
3
2
1
-4
-3
-2
-1
0
1
2
3
4
-1
-2


y
x
4
3
2
1
-1
-2
-3
-4
-4
-3
-2
-1
1
2
3
4


$x^2 + y^2 \geq 4$
y
x
4
3
2
1
-1
-2
-3
-4
-4
-3
-2
-1
1
2
3
4

Самостоятельно

$$Y \geq X + 1$$

$$Y \geq -\frac{4}{X}$$

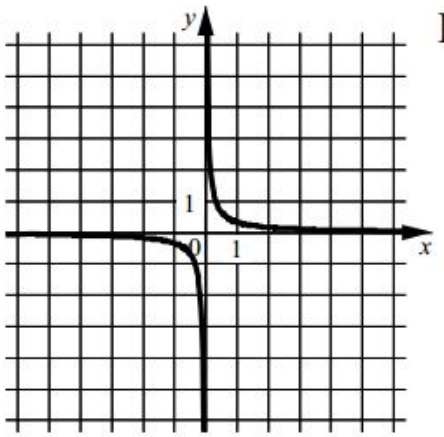
$$Y \leq X^2 - 2$$

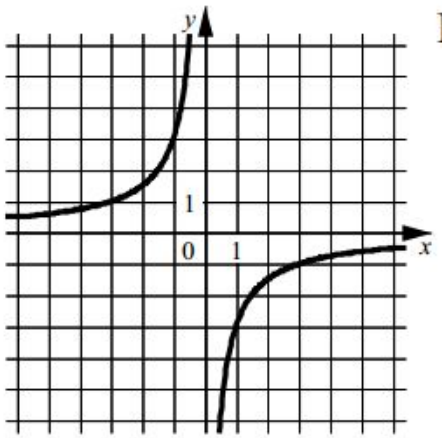
$$X^2 + Y^2 \leq 16$$

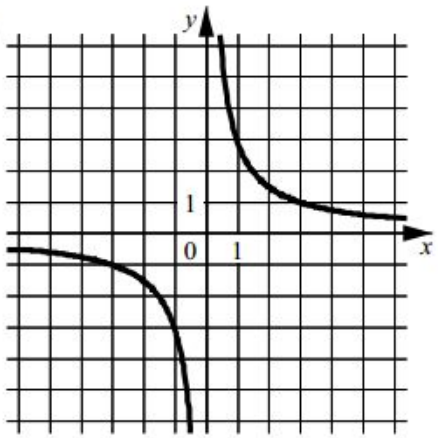
Подготовка к ГВЭ

5 Установите соответствие между графиками функций и формулами, которые их задают.

ГРАФИКИ

А) 

Б) 

В) 

ФОРМУЛЫ

1) $y = -\frac{3}{x}$

2) $y = \frac{1}{3x}$

3) $y = \frac{3}{x}$

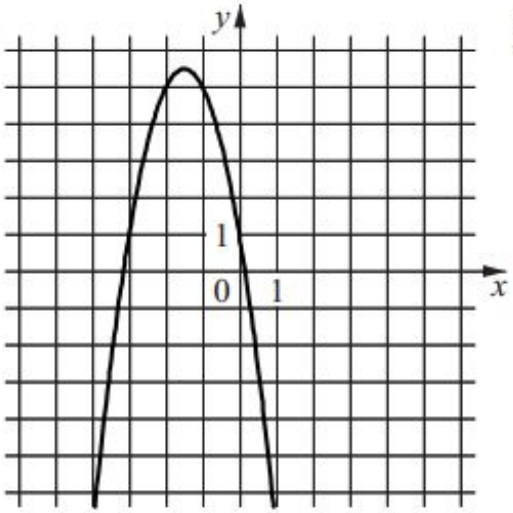
А) $y = -2x^2 - 6x + 1$

Б) $y = \frac{1}{10x}$

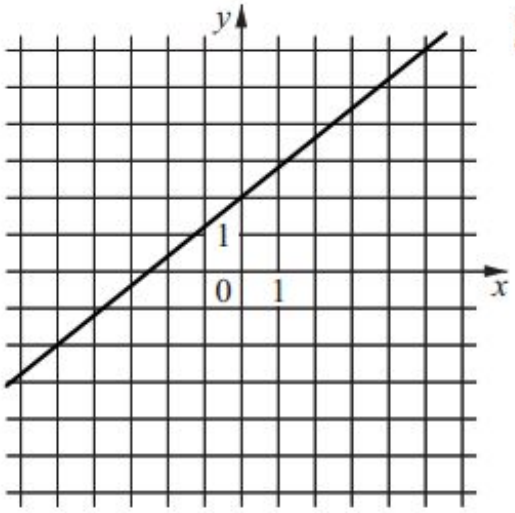
В) $y = \frac{4}{5}x + 2$

ГРАФИКИ

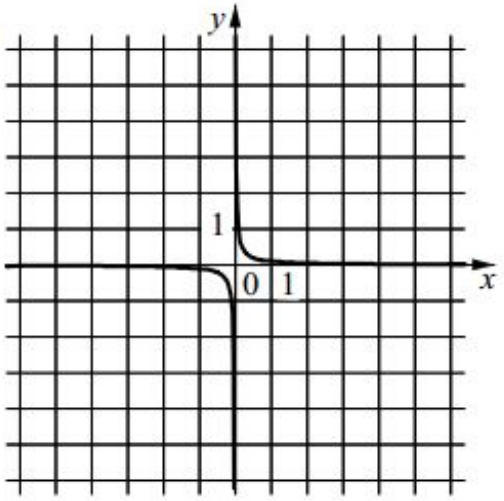
1)



2)



3)



Домашнее задание

- №487 (а,в) (г,д)*