Коэффициенты линейной функции

Выберите линейные функции

1) $y = 5x$

2) $y = -7x + 4$

3) $y = 2x^2$

4) $y = 4 - x$

5) $y = \frac{x}{3} + 6$

6) $y = \frac{8}{x} - 1$

$$y = kx + в$$

$в = 0$

$$y = kx$$

График функции – прямая, проходящая через начало координат

к = 0

$$y = в$$

График функции – прямая, параллельная оси ОХ, проходящая через точку (0;в)

$y = 6x$

$y = -7x + 1$

$y = 0,5x + 3$

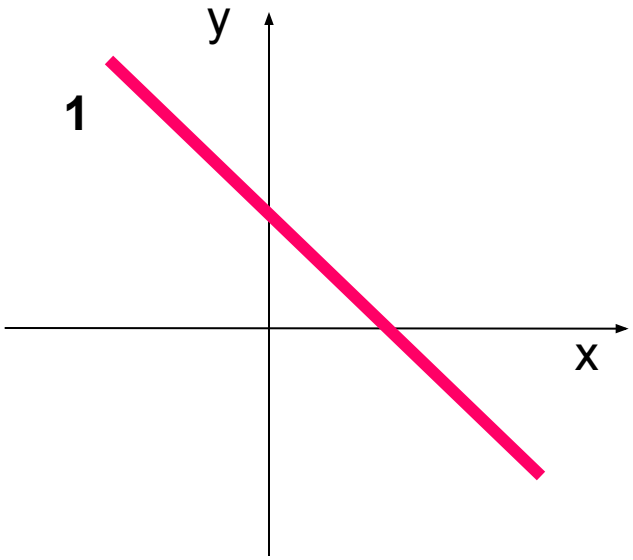
$y = 5 – 4x$

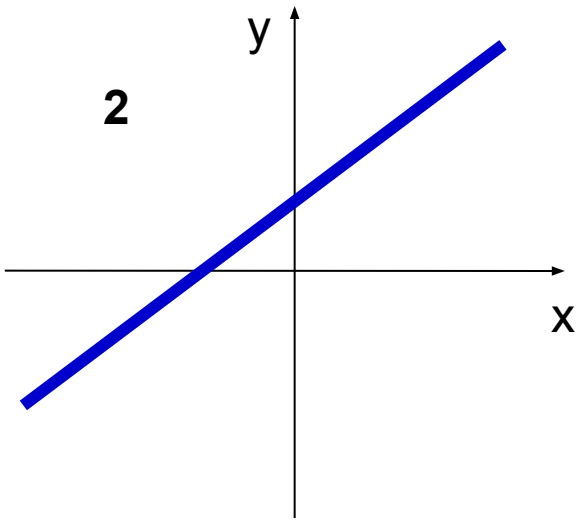
$y = -9 + 0,3x$

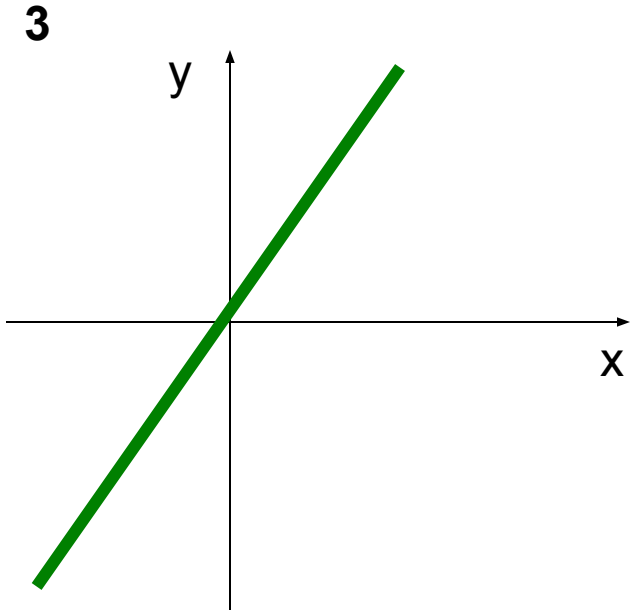
$y = 8$

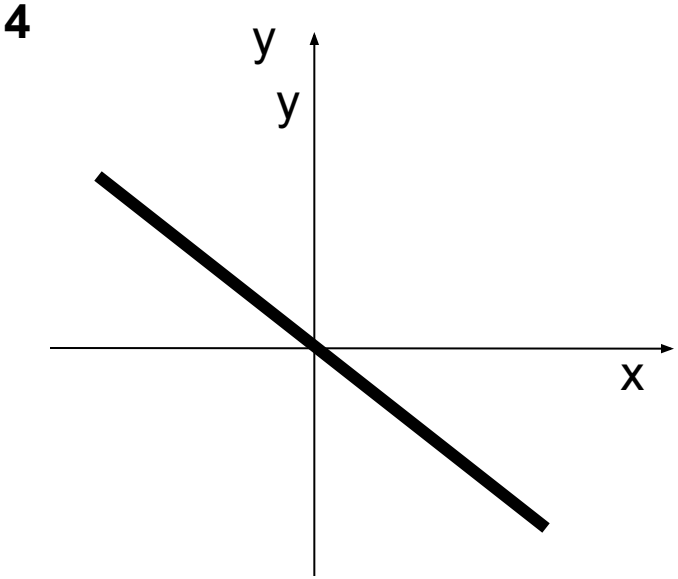
$y = -2-x$

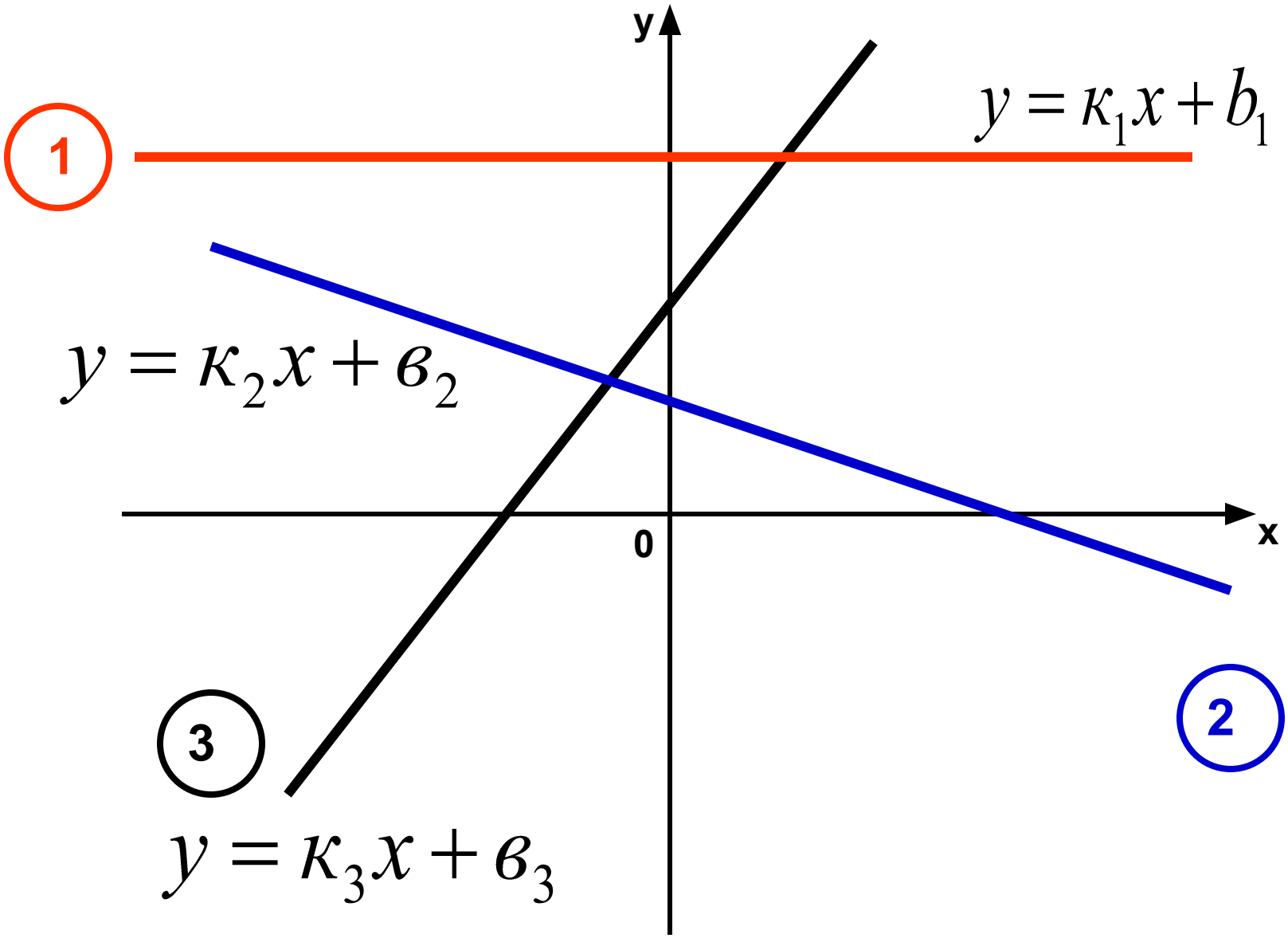
возрастающие	убывающие

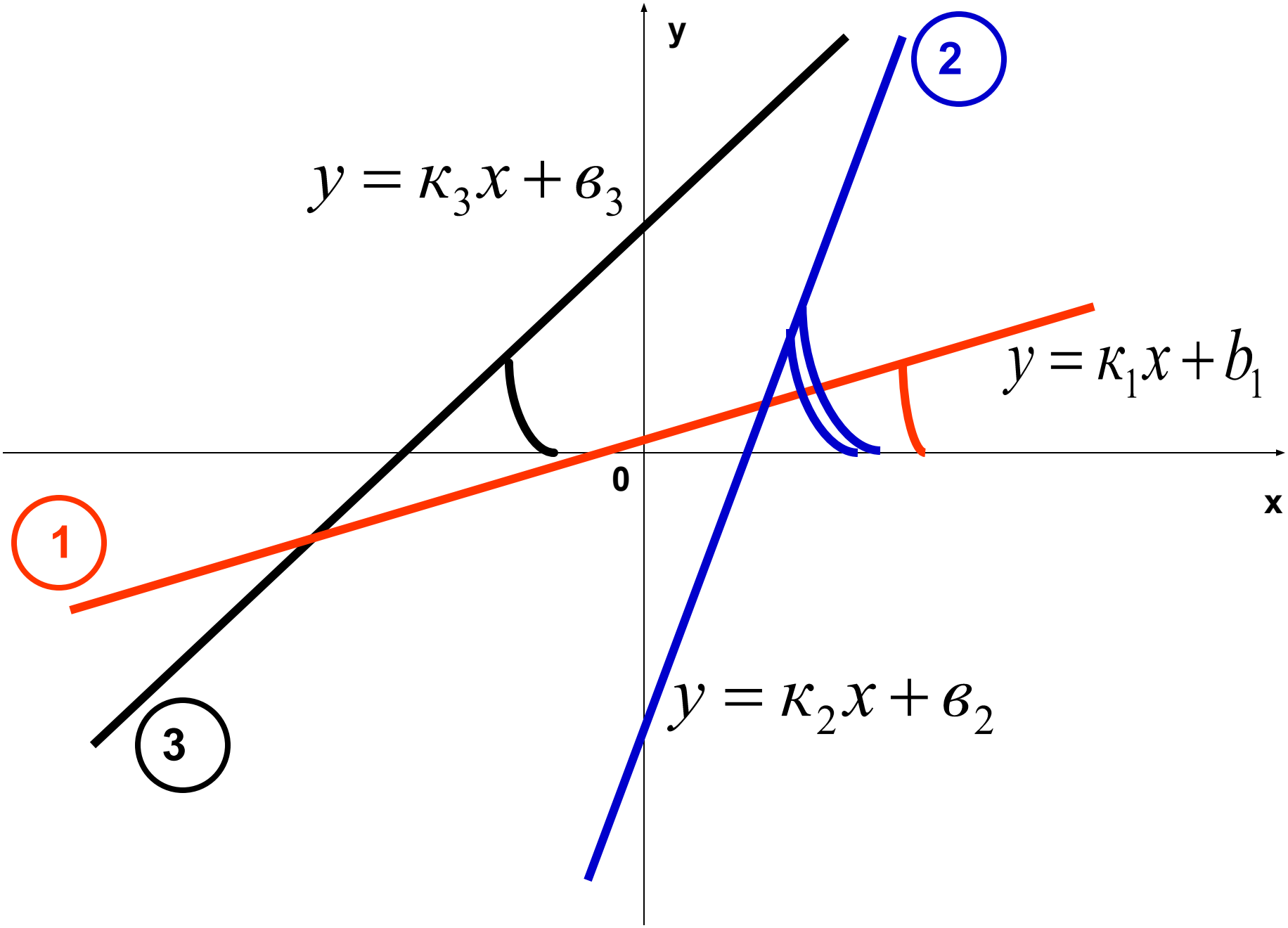

1
y
x


2
y
x


3
y
x


4
y
y
x


y
x
0
1
2
3
$y = \kappa_1 x + b_1$
$y = \kappa_2 x + в_2$
$y = \kappa_3 x + в_3$

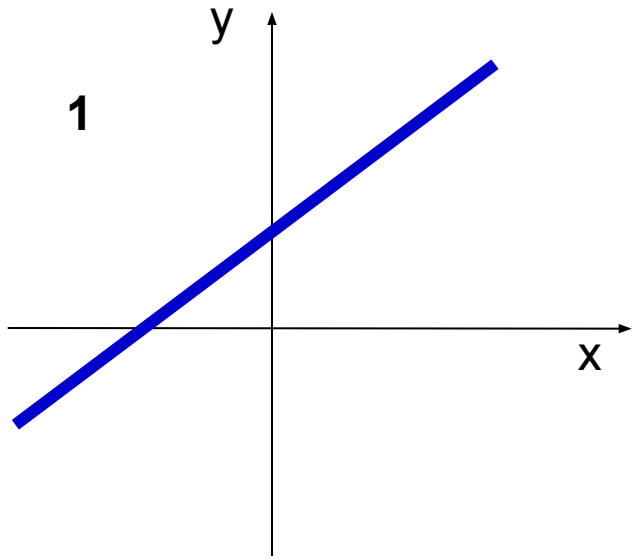

y
2
$y = \kappa_3 x + в_3$
$y = \kappa_1 x + b_1$
0
x
1
$y = \kappa_2 x + в_2$
3

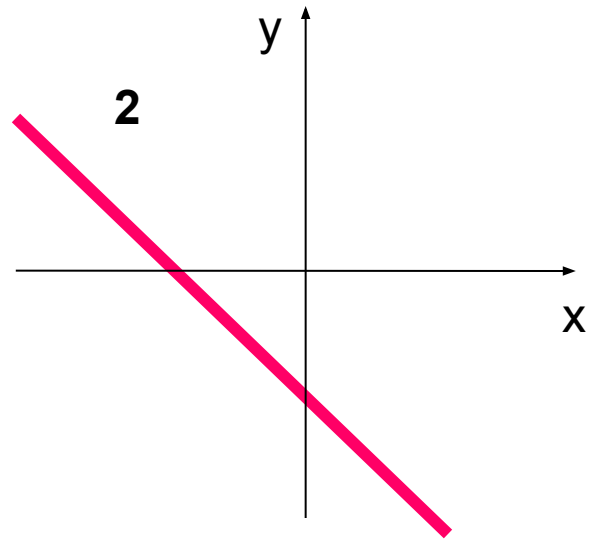
Графики функций $y = к_1 x + в_1$ *и* $y = к_2 x + в_2$

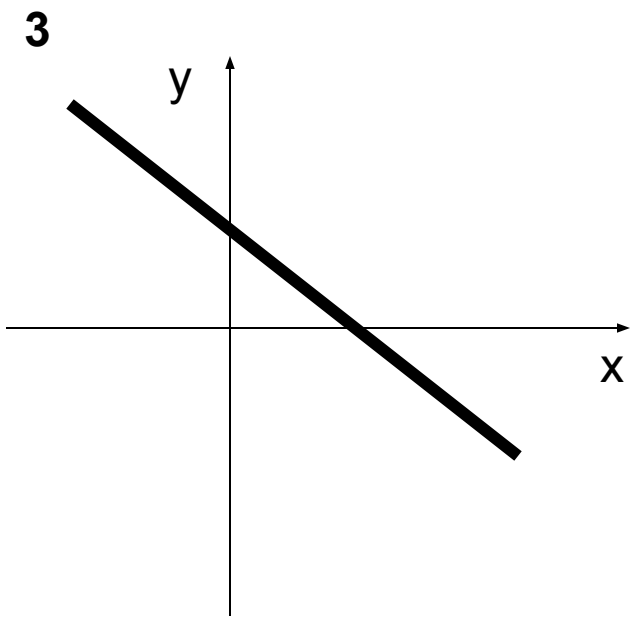
параллельны, если… $к_1 = к_2$

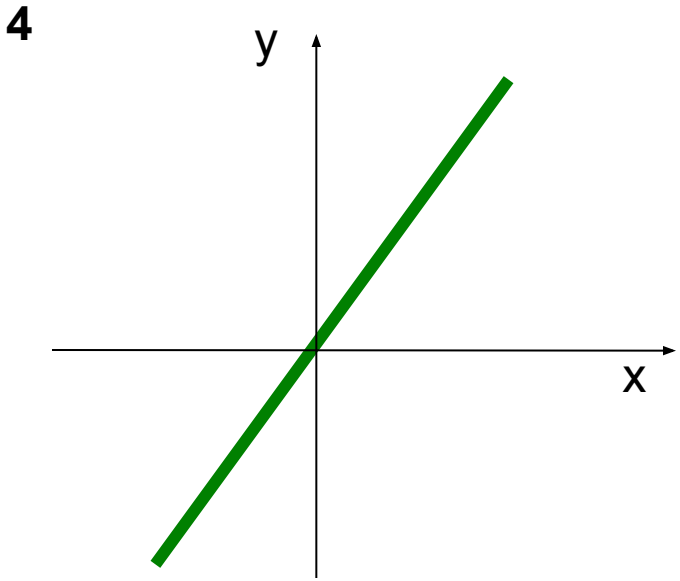
пересекаются в одной точке , если… $к_1 \neq к_2$

совпадают, если… $к_1 = к_2, \; в_1 = в_2$

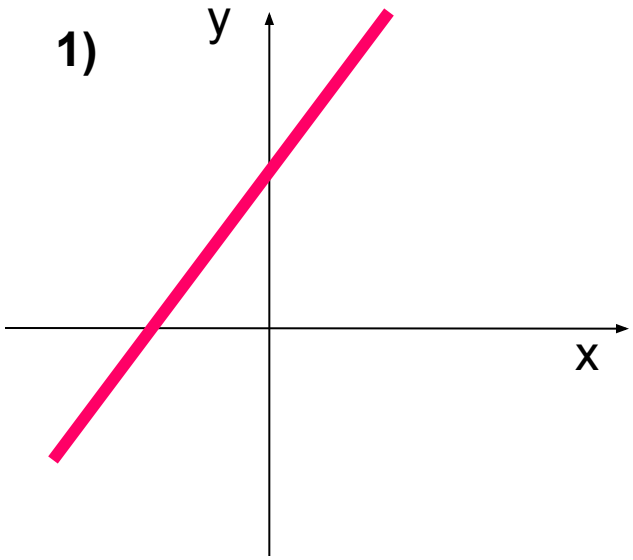

1
y
x


2
y
x

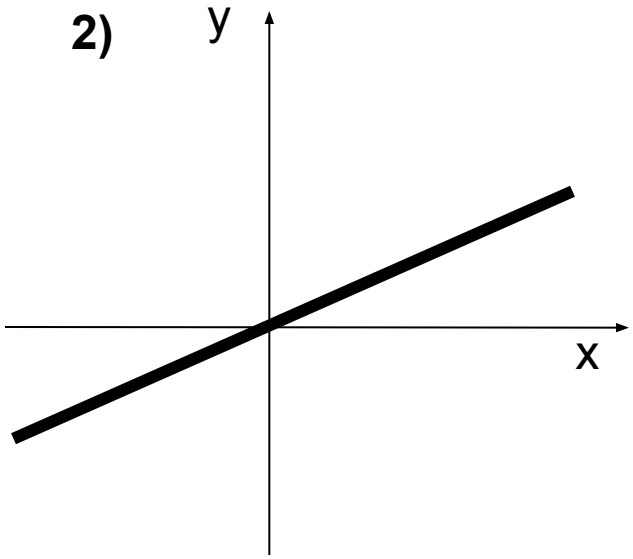

3
y
x


4
y
x

1)



2)



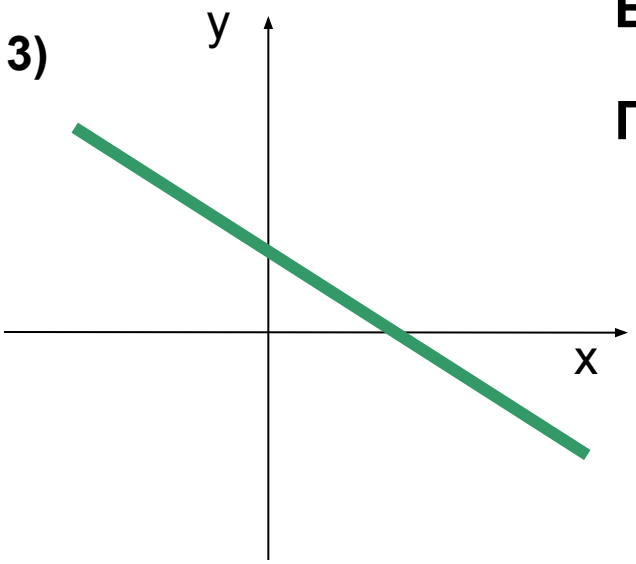
А) $y = 0,5x$

Б) $y = 2x + 3$

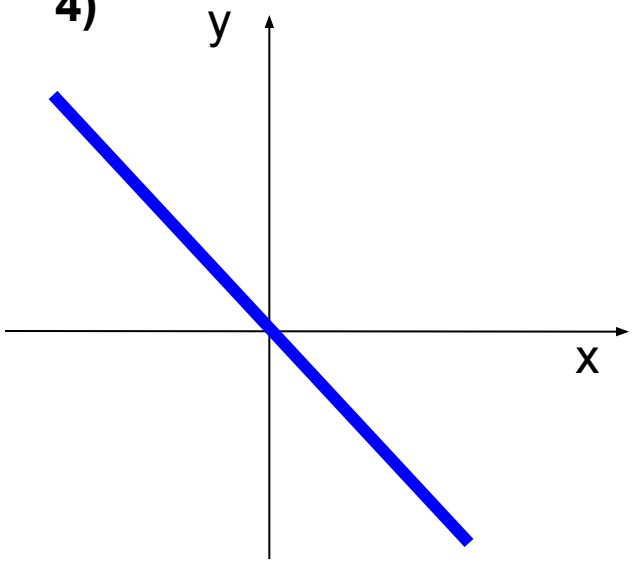
В) $y = - x$

Г) $y = - x - 2$

3)

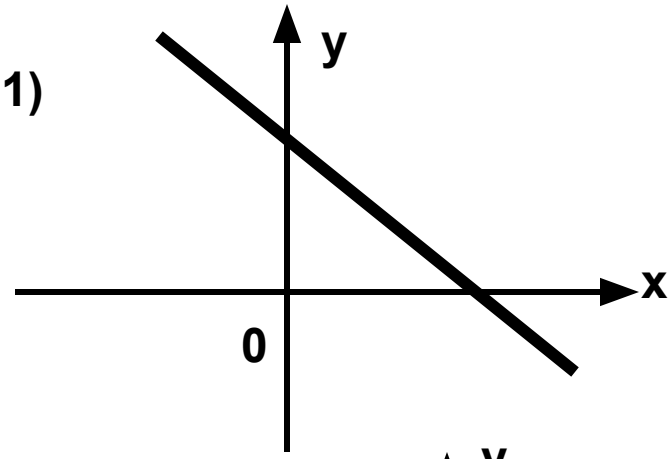


4)

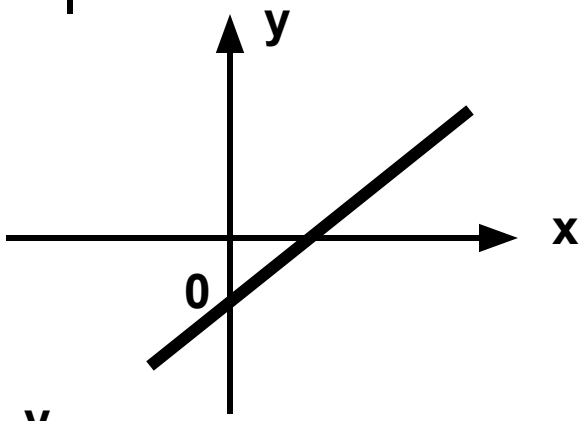


1 – Б 2 – А 3 – Г 4 – В

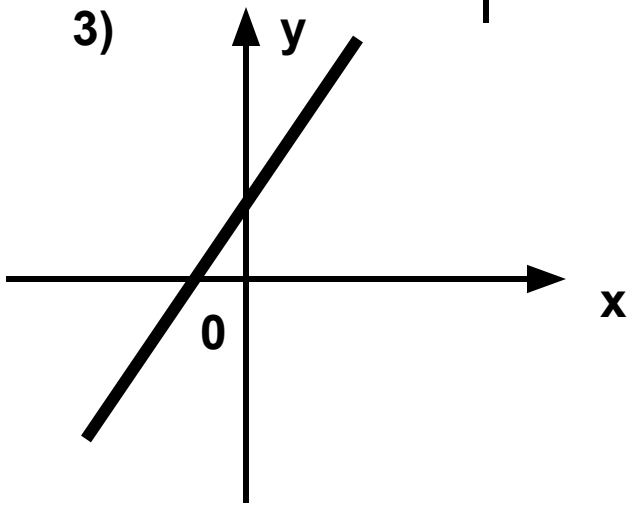
1)



2)

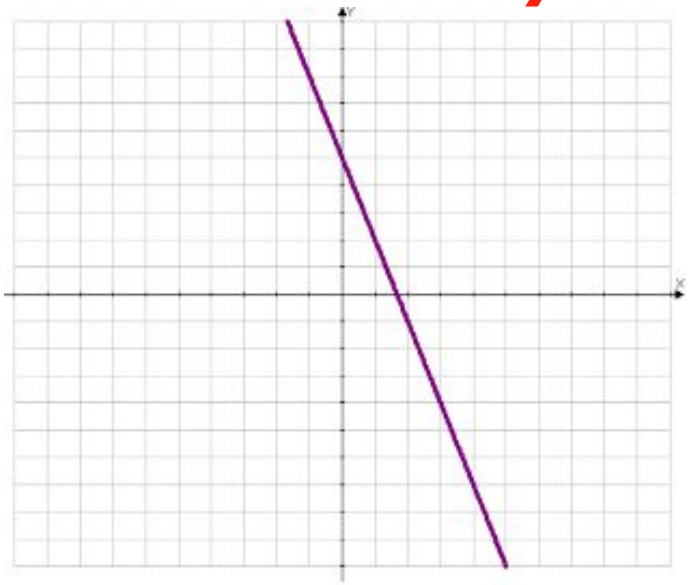


3)

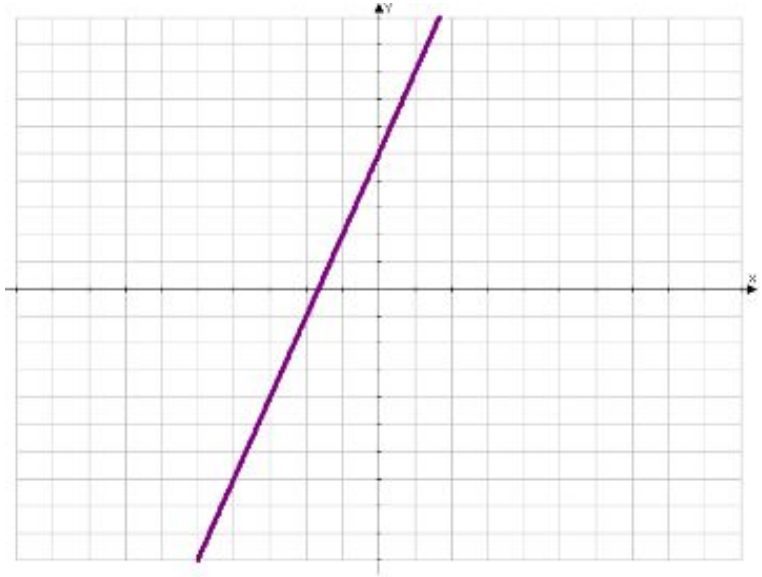


	к	*в*
1	-	+
2	+	-
3	+	+

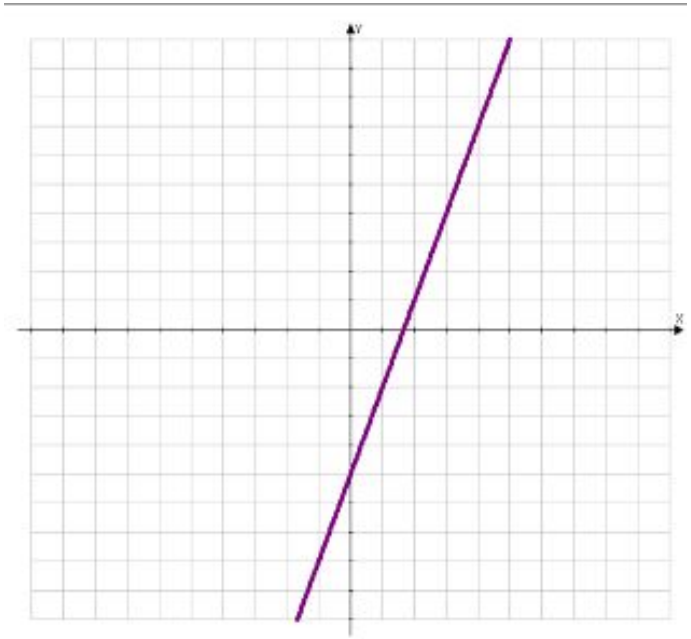
$y=-3x-5$



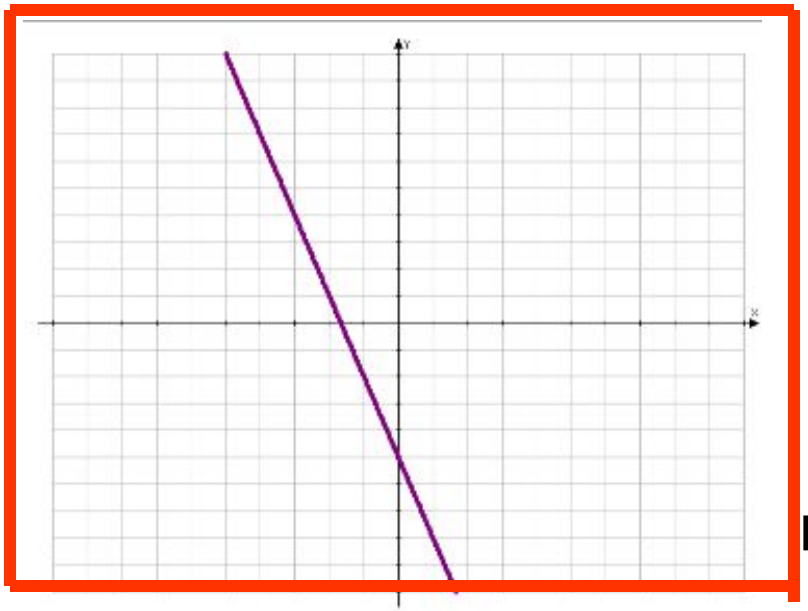
а)



б)



в)



г)

Задайте формулой функцию, график которой параллелен графику функции y = -7x + 3 и проходит через точку A (0; 8)