

Коэффициенты

линейной функции

## Выберите линейные функции

1)  $y = 5x$

4)  $y = 4 - x$

2)  $y = -7x + 4$

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

3)  $y = 2x^2$

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



$$y = kx + b$$

$$b = 0$$

$$y = kx$$

График функции –  
прямая,  
проходящая через  
начало координат

$$k = 0$$

$$y = b$$

График функции –  
прямая,  
параллельная оси  
OX, проходящая  
через точку (0;b)

$$y = 6x$$

$$y = -7x + 1$$

$$y = 0,5x + 3$$

$$y = 5 - 4x$$

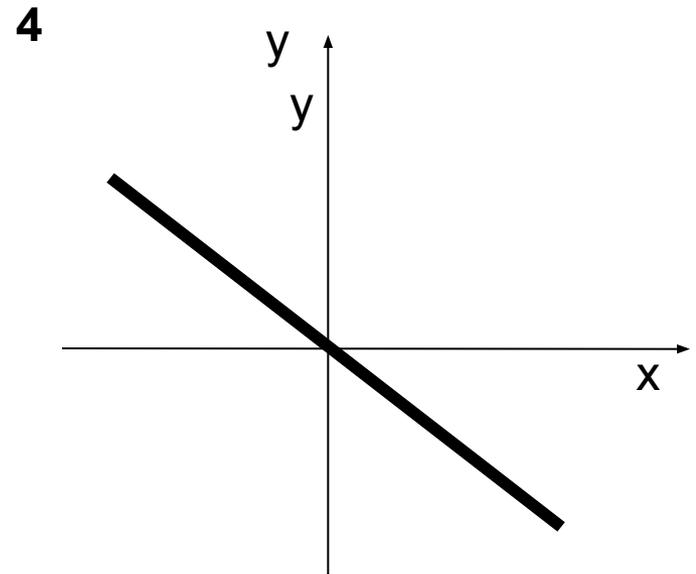
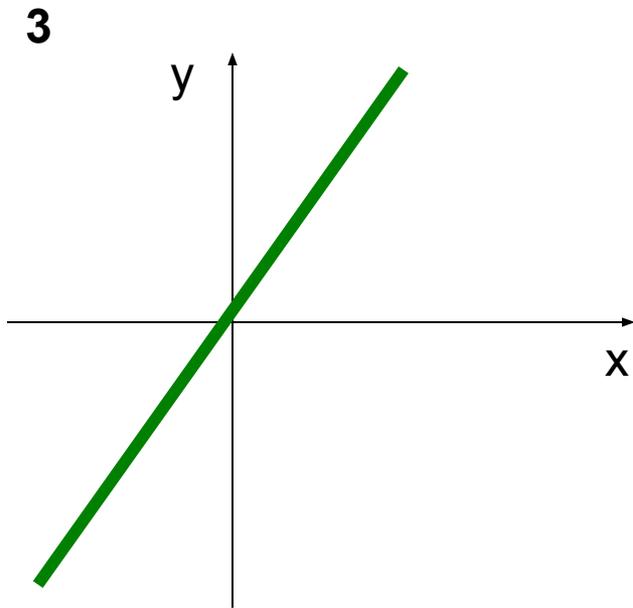
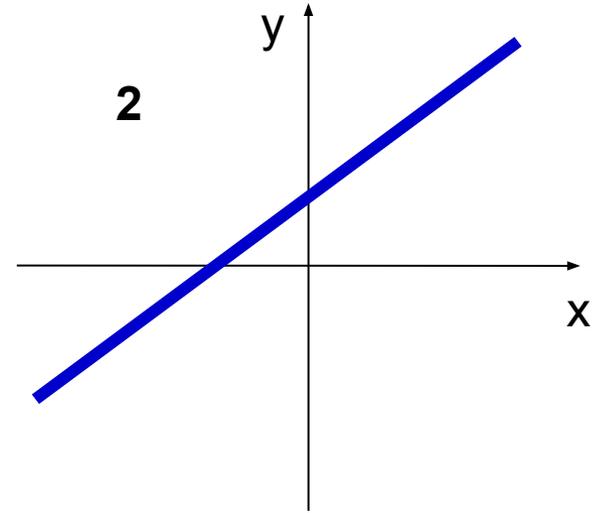
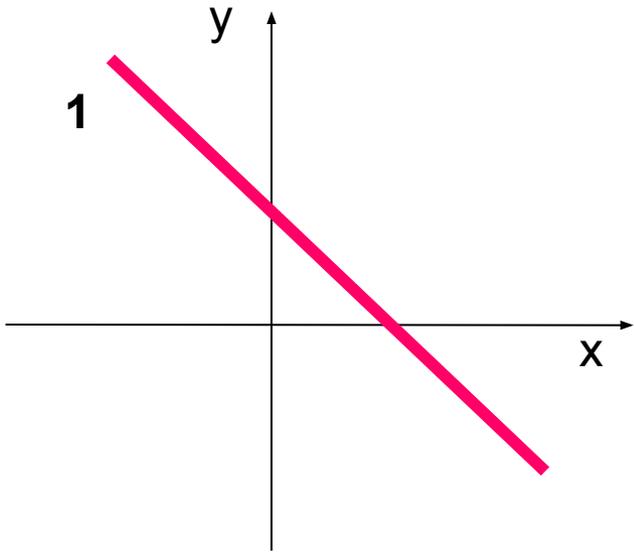
$$y = -9 + 0,3x$$

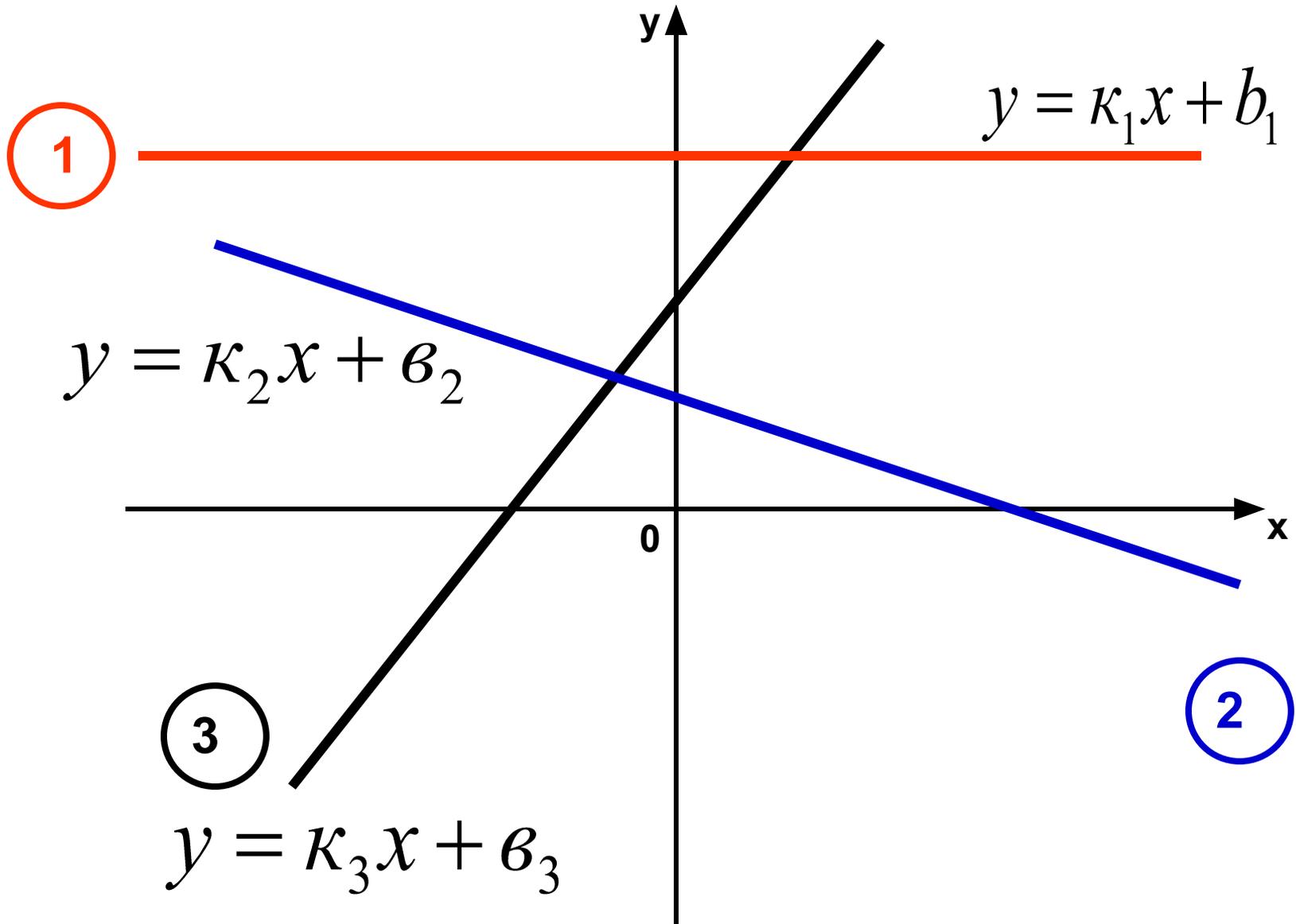
$$y = 8$$

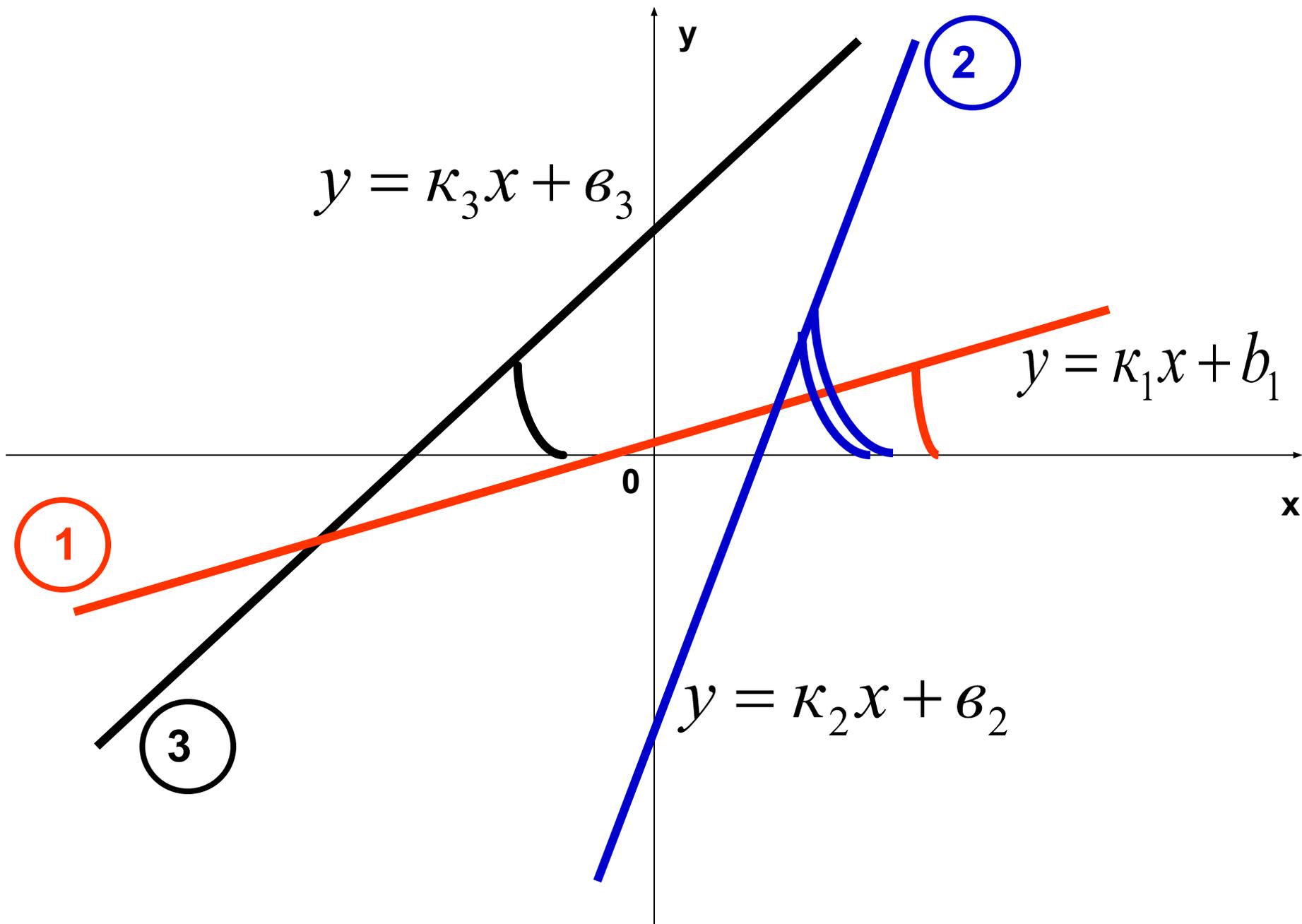
$$y = -2 - x$$

**возрастающие**

**убывающие**







**Графики функций**  $y = k_1x + b_1$  и  $y = k_2x + b_2$

**параллельны,  
если...**

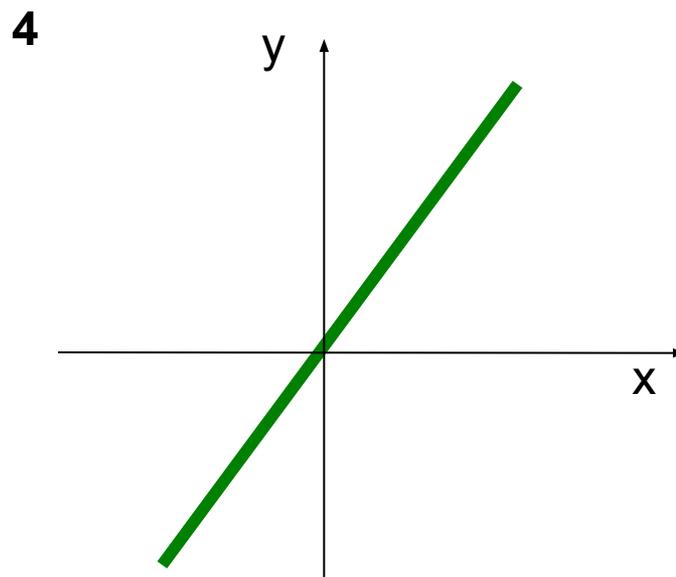
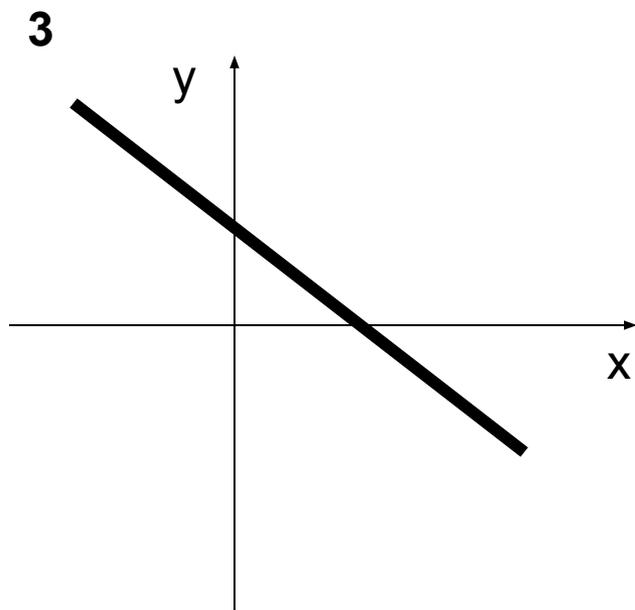
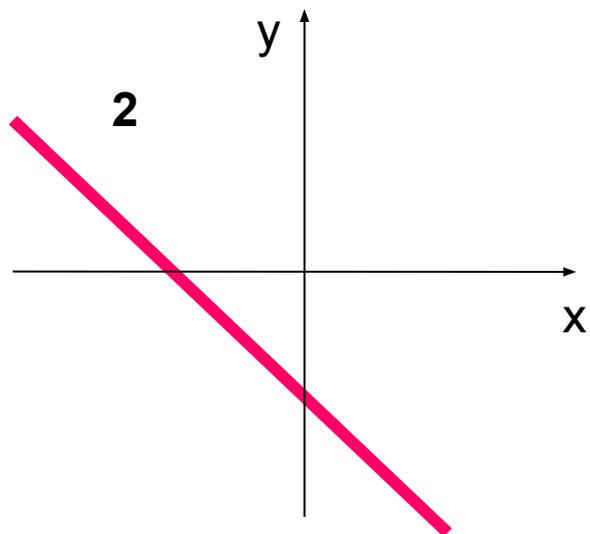
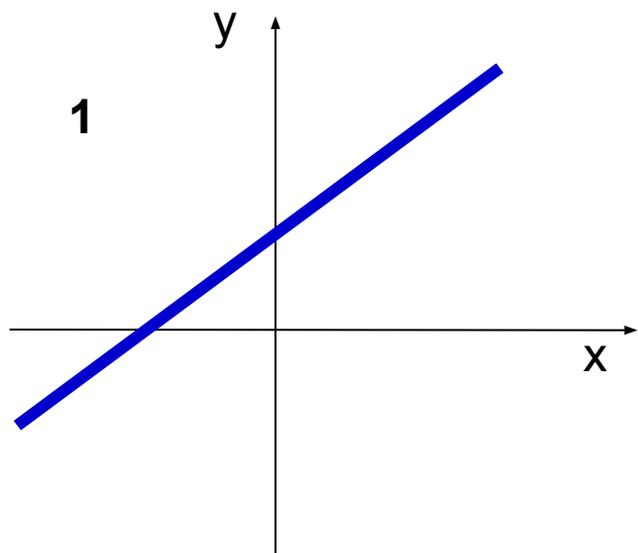
$$k_1 = k_2$$

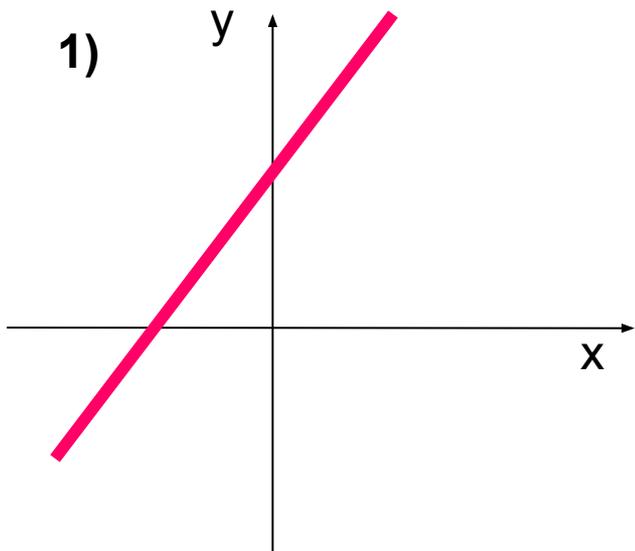
**пересекаются в  
одной точке , если...**

$$k_1 \neq k_2$$

**совпадают, если...**

$$k_1 = k_2, \quad b_1 = b_2$$



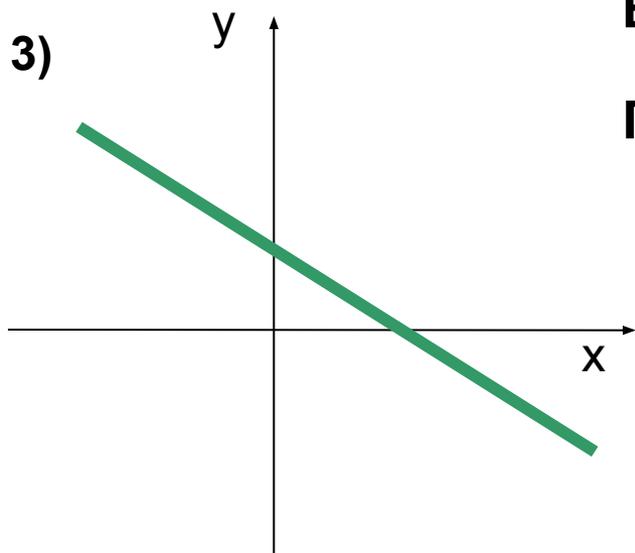
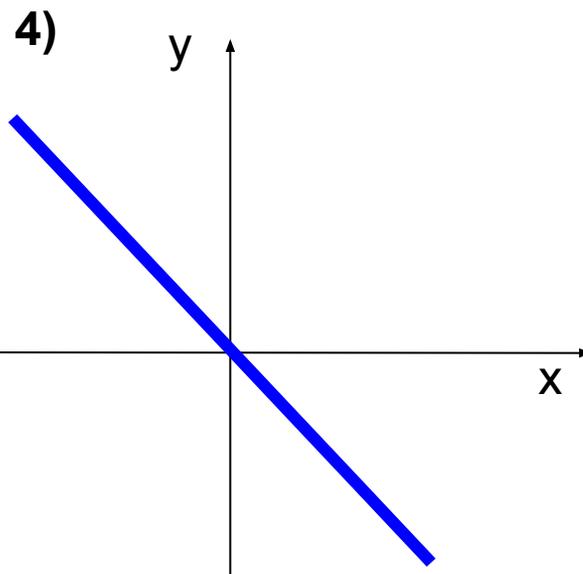
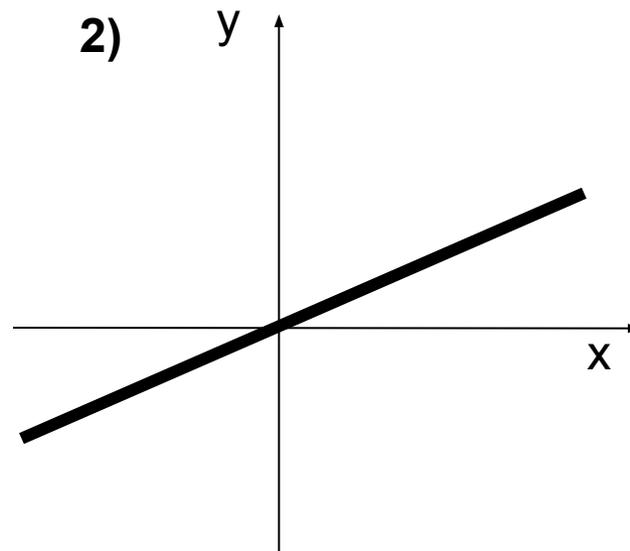


A)  $y = 0,5x$

Б)  $y = 2x + 3$

В)  $y = -x$

Г)  $y = -x - 2$

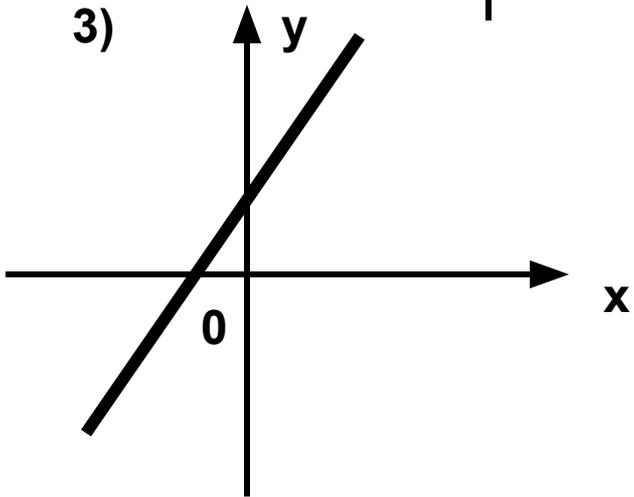
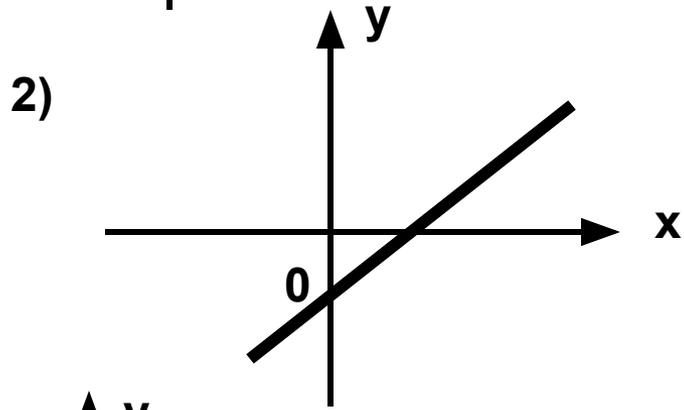
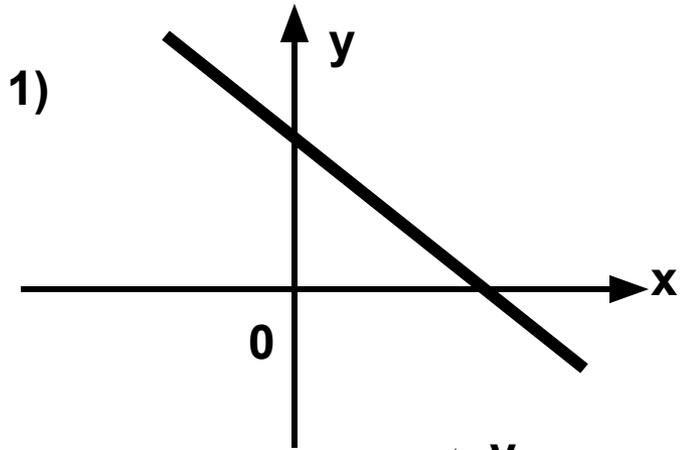


1 – Б

2 – А

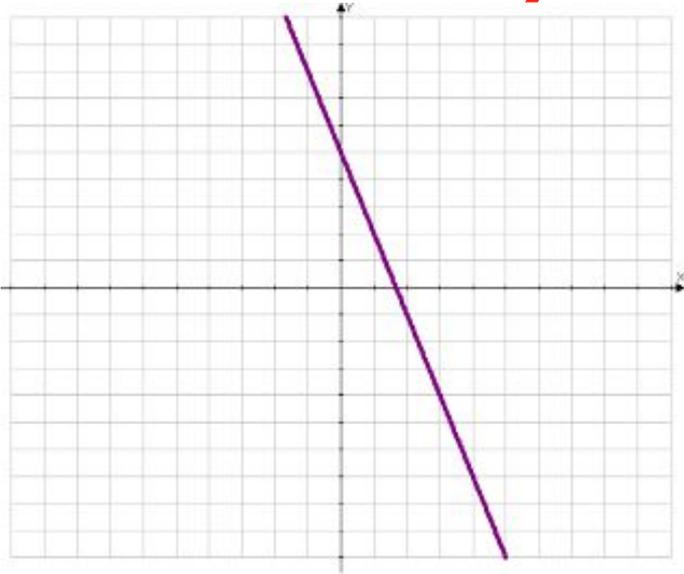
3 – Г

4 – В

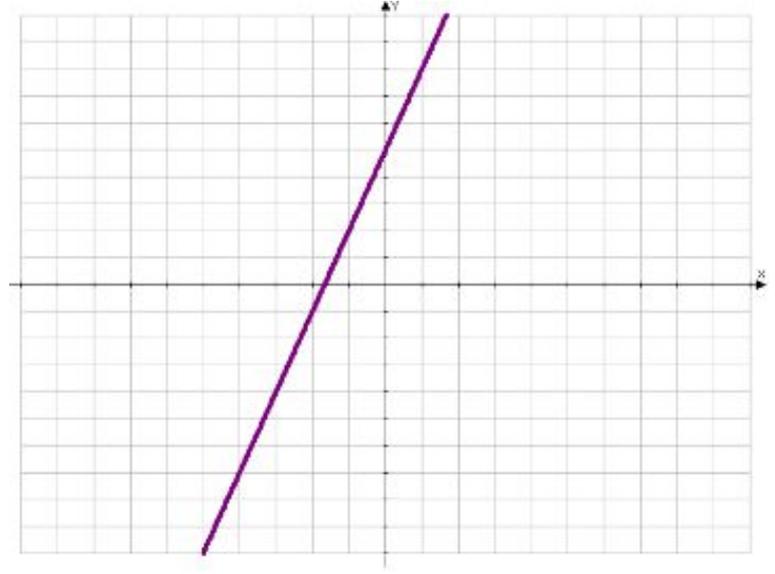


	$K$	$\theta$
1	-	+
2	+	-
3	+	+

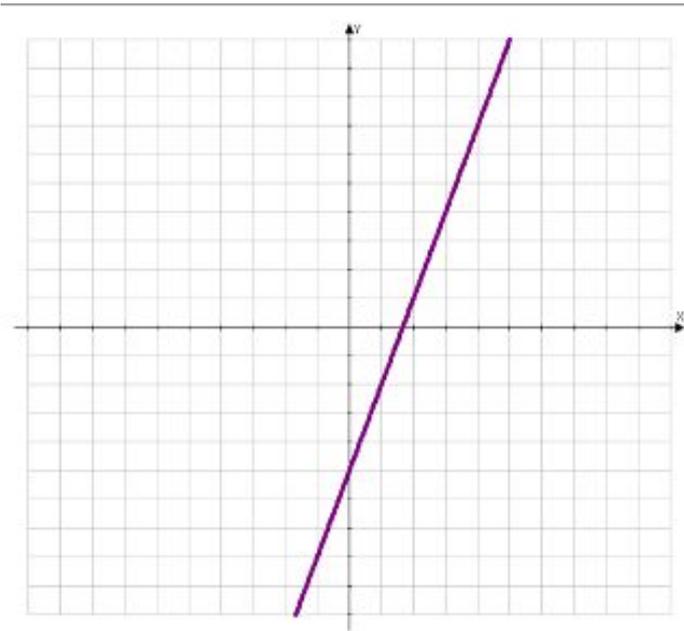
$$y = -3x - 5$$



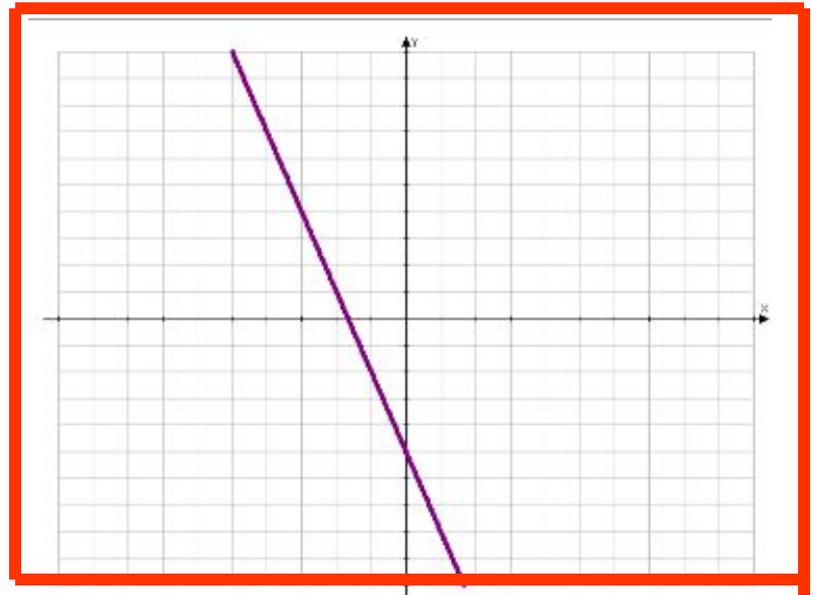
a)



б )



в)



г)

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



