

Коэффициенты линейной функции

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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
ОХ, проходящая
через точку (0; b)

$$y = 6x$$

$$y = -7x + 1$$

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

$$y = 5 - 4x$$

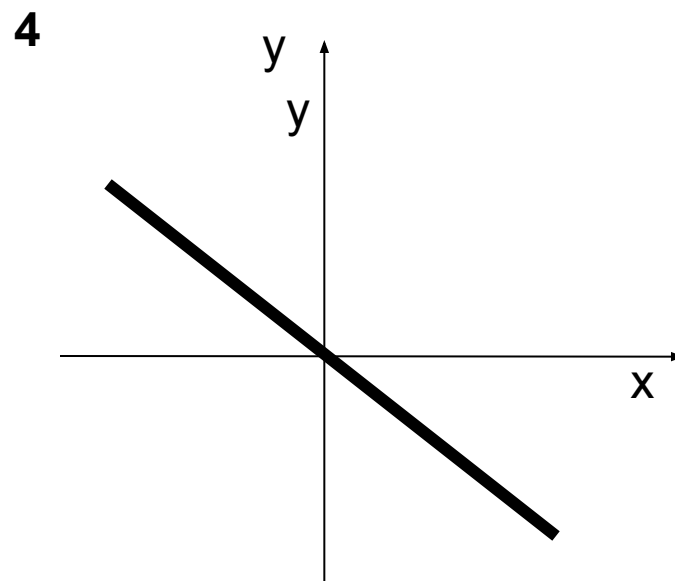
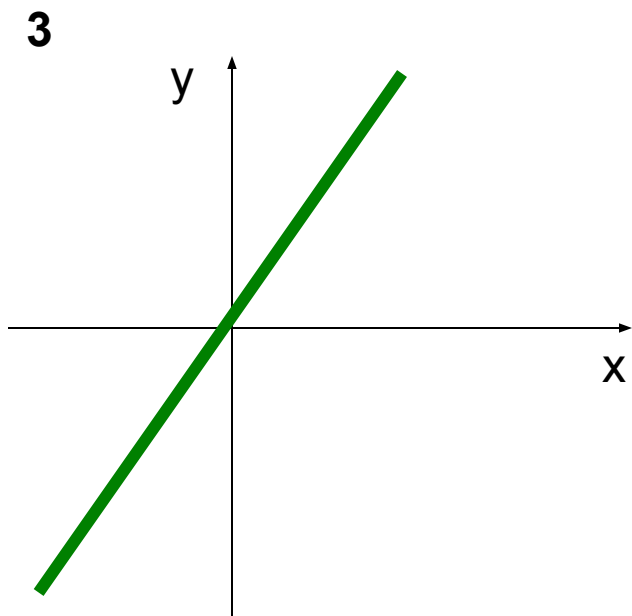
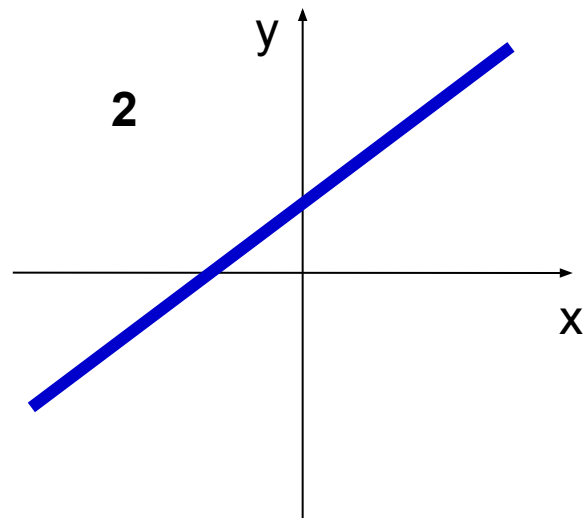
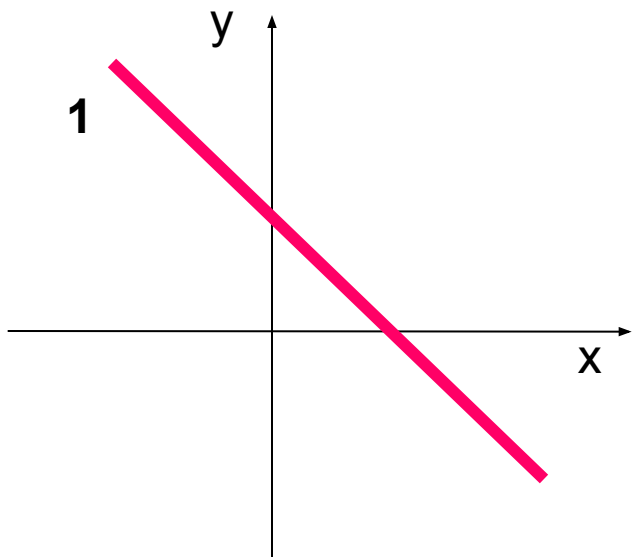
$$y = -9 + 0,3x$$

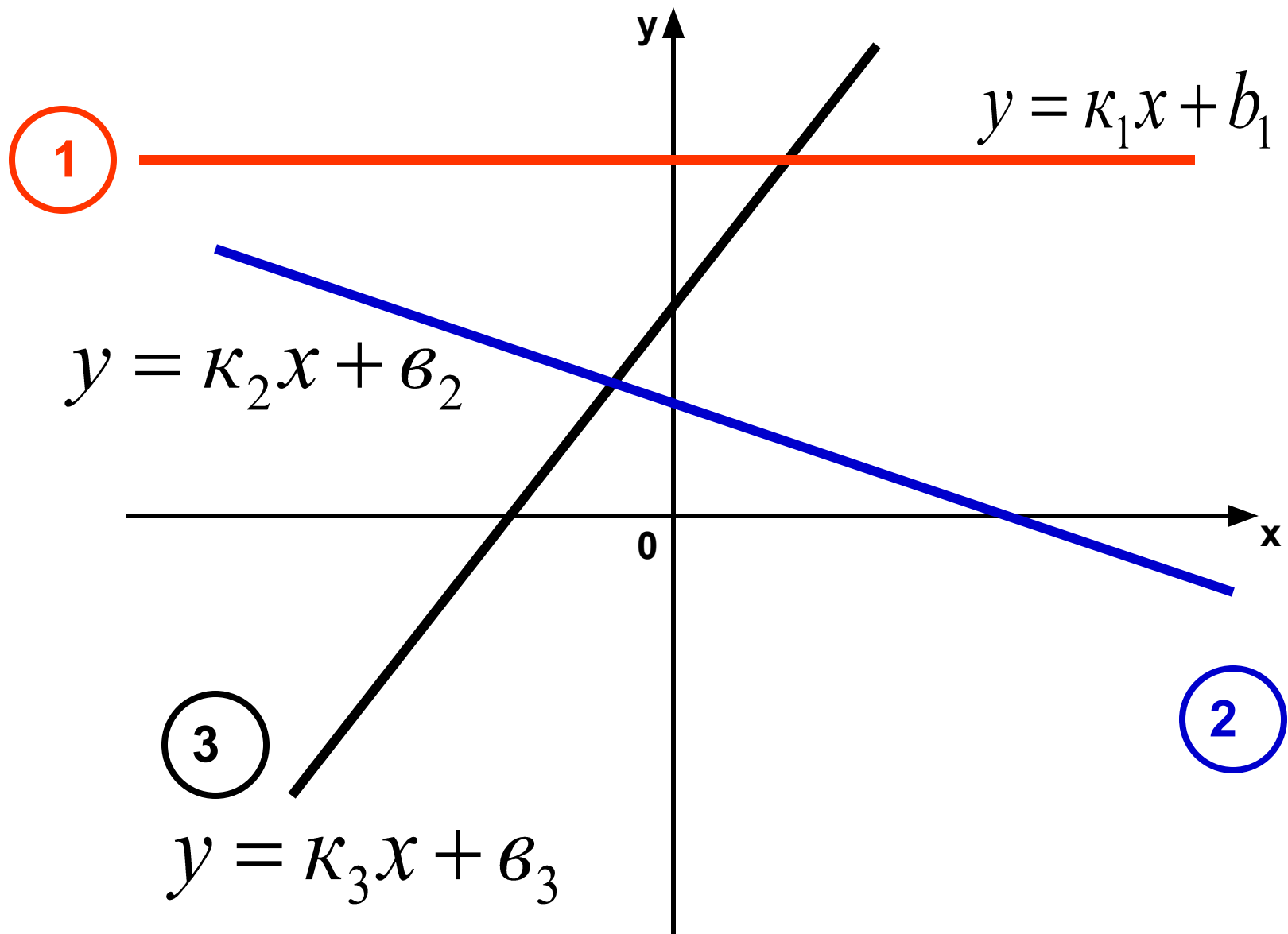
$$y = 8$$

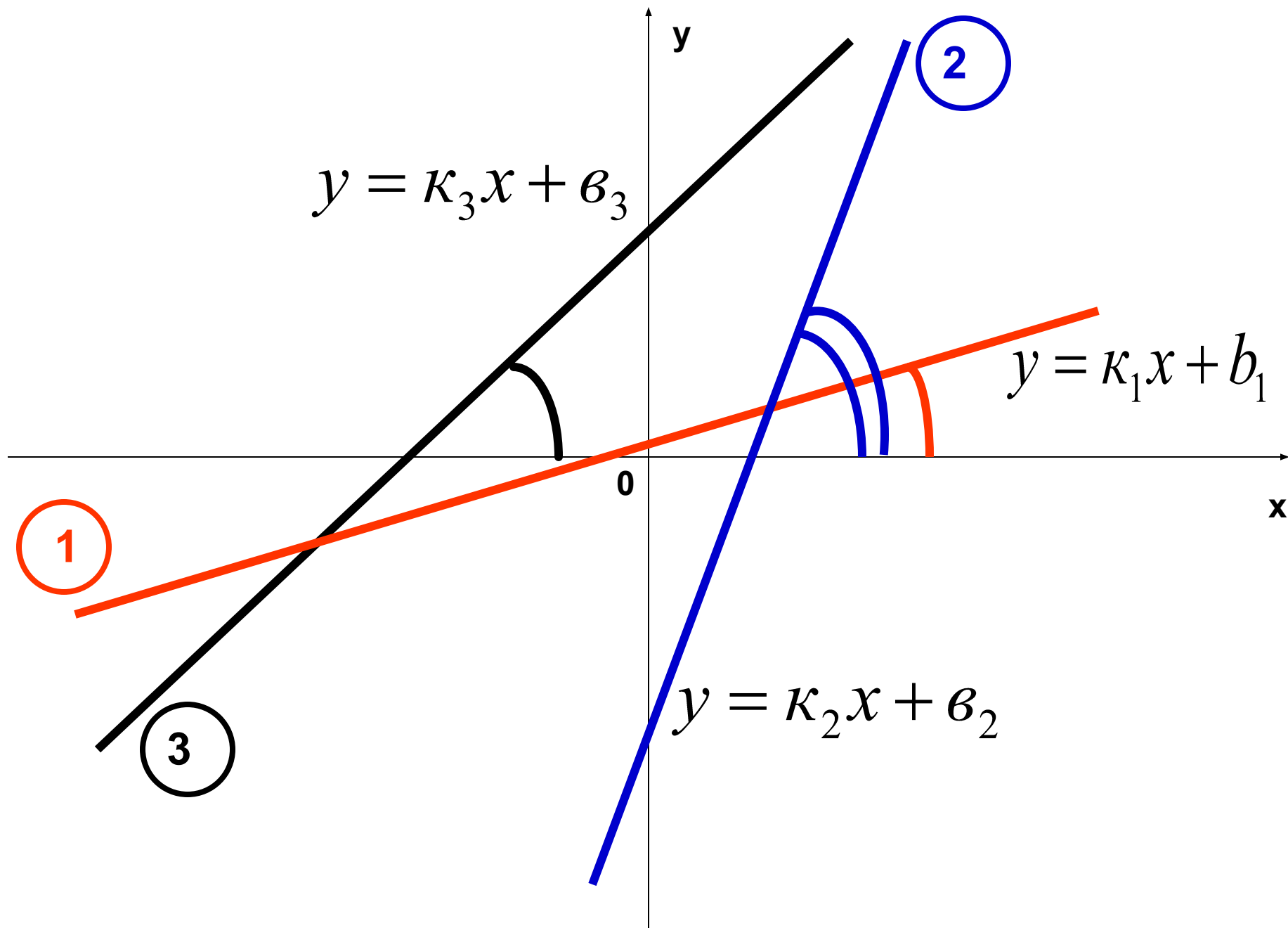
$$y = -2 - x$$

возрастающие

убывающие







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

**параллельны,
если...**

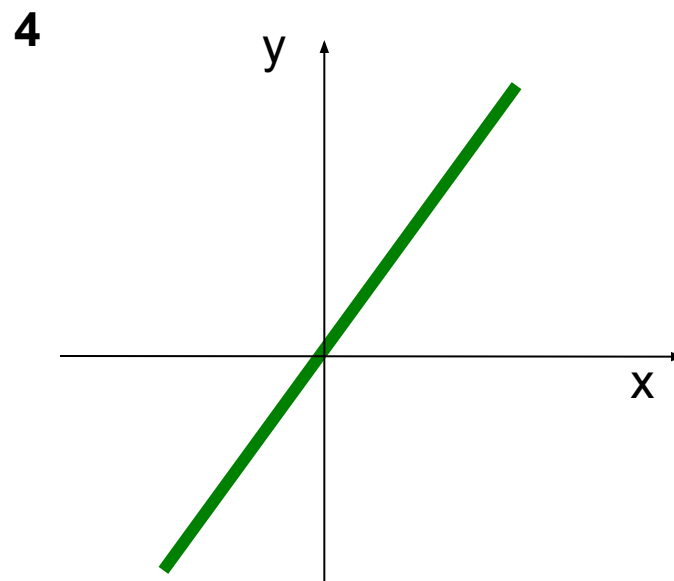
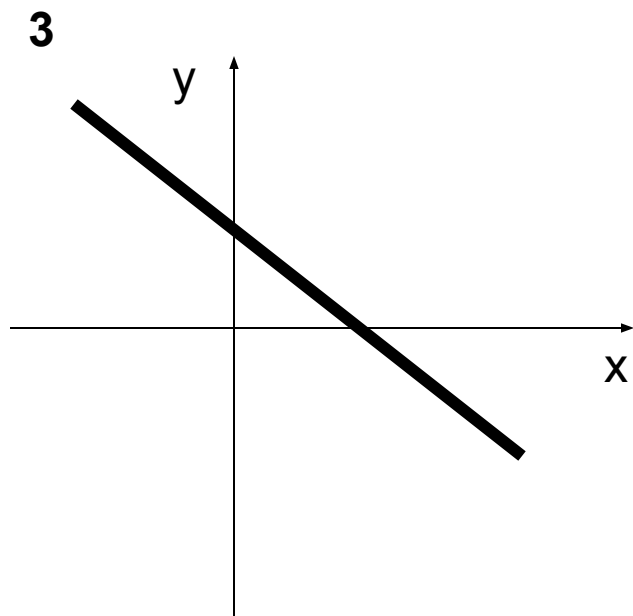
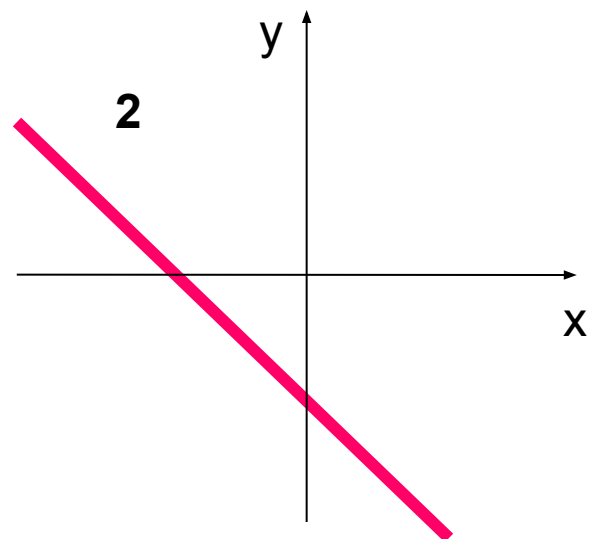
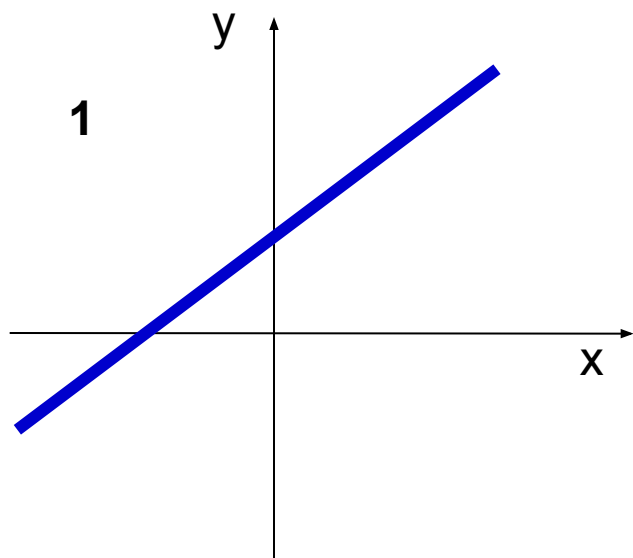
$$k_1 = k_2$$

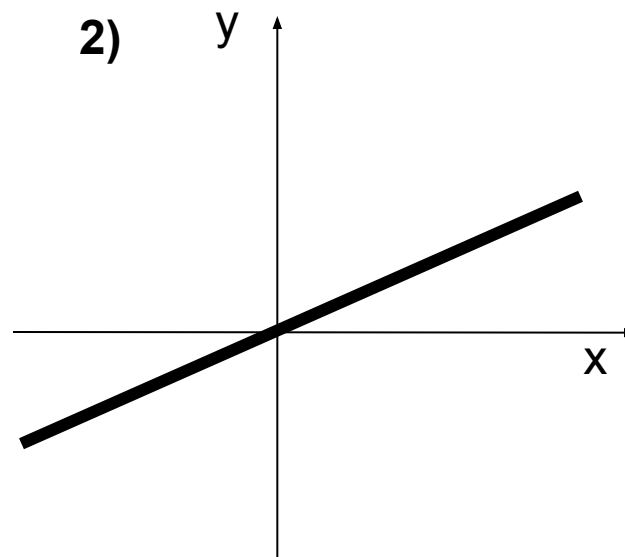
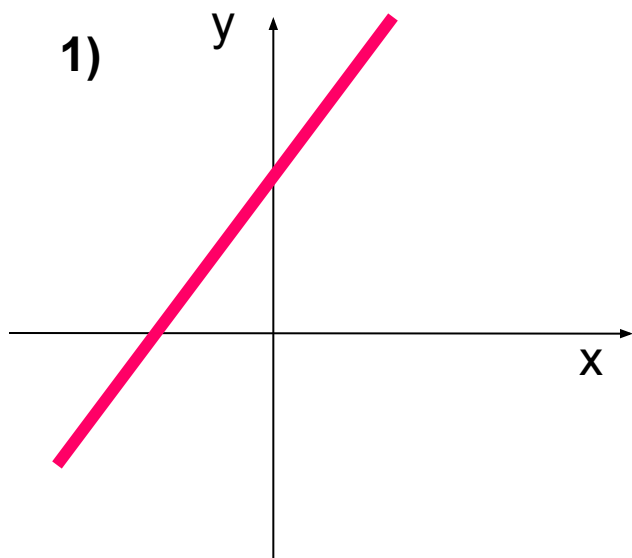
**пересекаются в
одной точке , если...**

$$k_1 \neq k_2$$

совпадают, если...

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



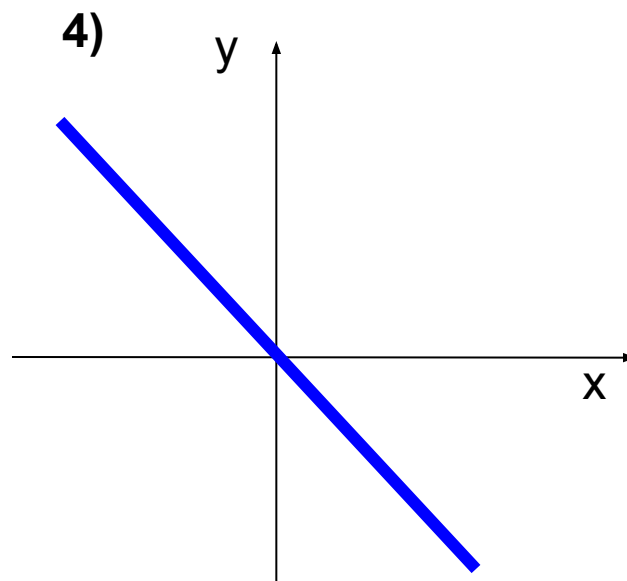
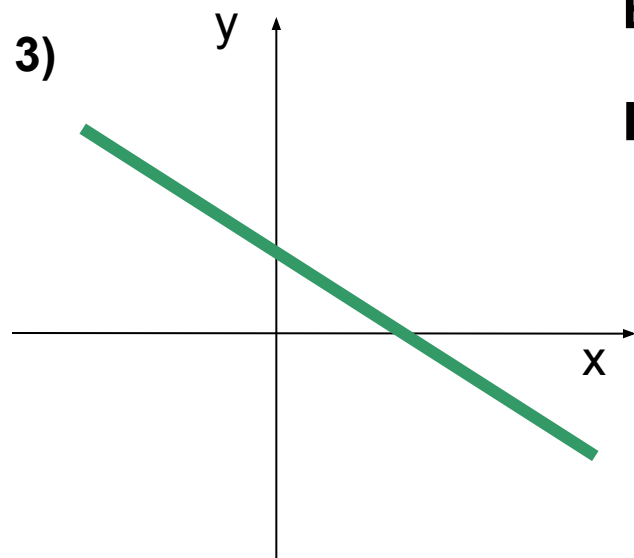


A) $y = 0,5x$

Б) $y = 2x + 3$

В) $y = -x$

Г) $y = -x - 2$

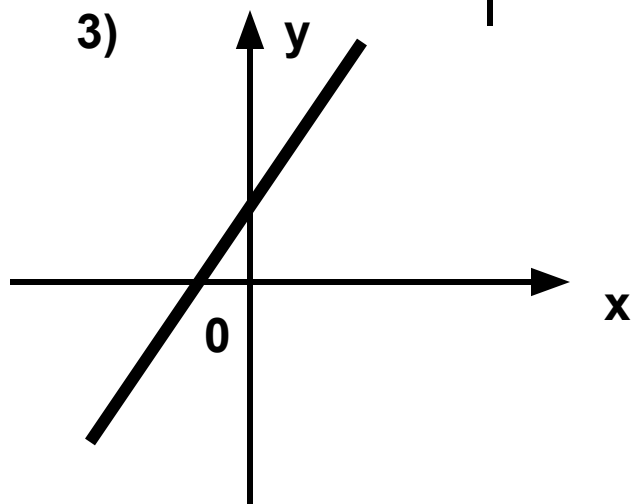
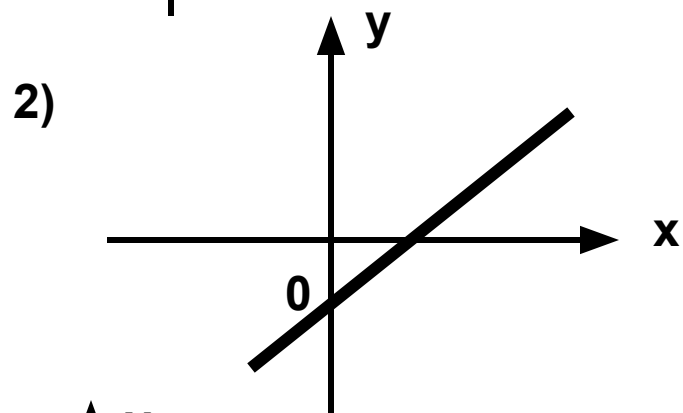
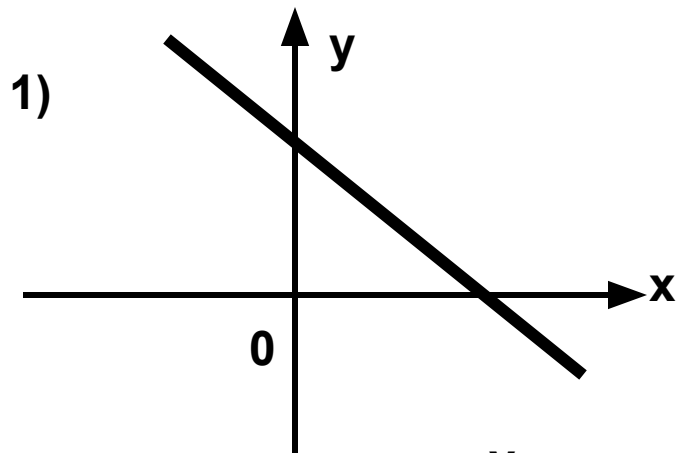


1 – Б

2 – А

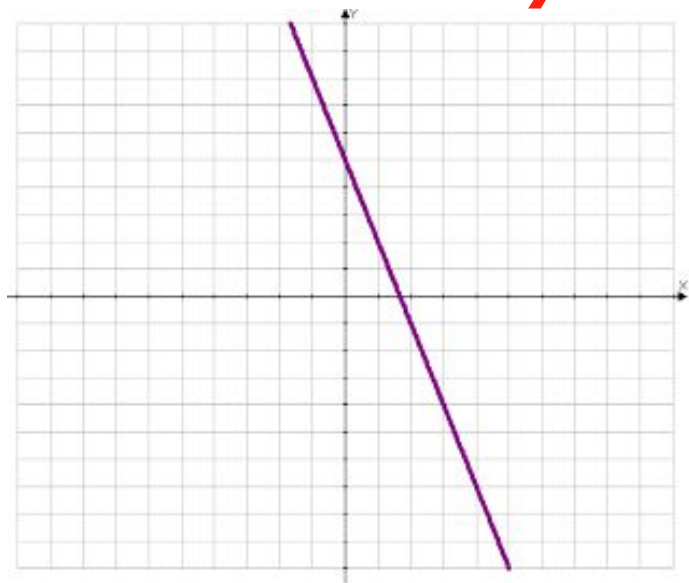
3 – Г

4 – В

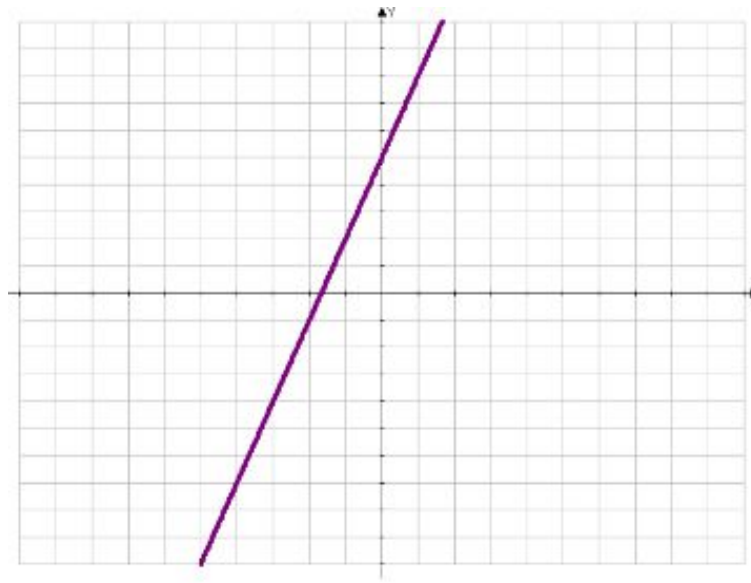


	K	b
1	-	+
2	+	-
3	+	+

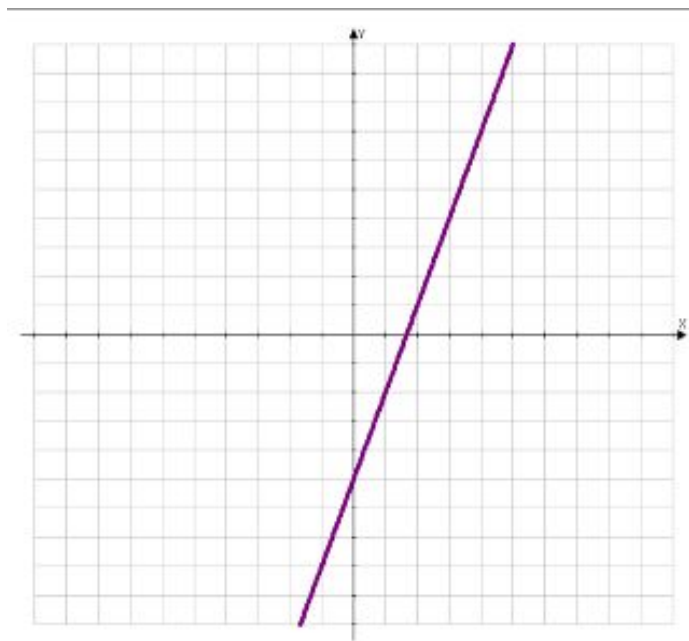
$$y = -3x - 5$$



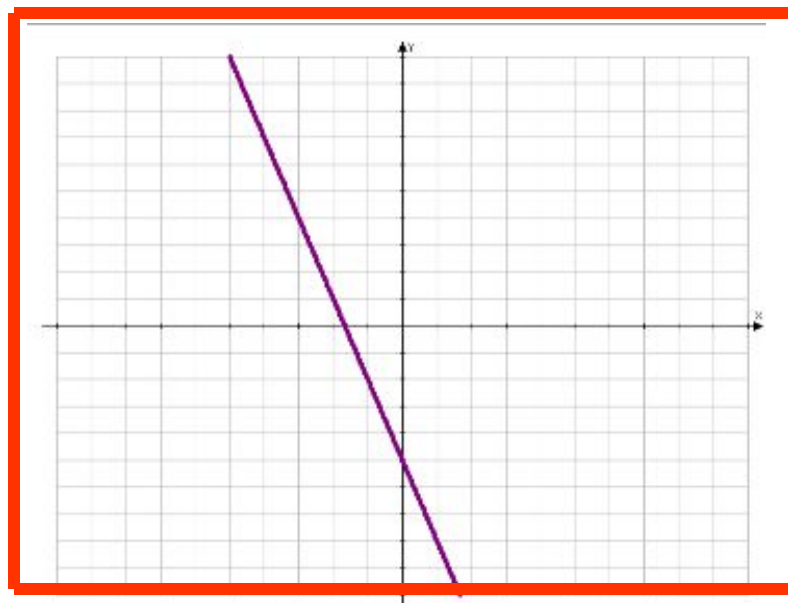
a)



б)



в)



г)

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



