

Рассмотрим функцию на полученных промежутках:

$$1) \quad x \leq -2, \quad y = -(\delta + 2) - 3x + 2(\delta - 1) = -2x - 4$$

$$y = -2x - 4$$

$$2) \quad -2 < x \leq 0, \quad y = \delta + 2 - 3x + 2(x - 1) = 0$$

$$y = 0$$

$$3) \quad 0 < x \leq 1, \quad y = x + 2 + 3x + 2(\delta - 1) = 6x$$

$$y = 6x$$

$$4) \quad x > 1, \quad y = \delta + 2 + 3x - 2(\delta - 1) = 2x + 4$$

$$y = 2x + 4$$