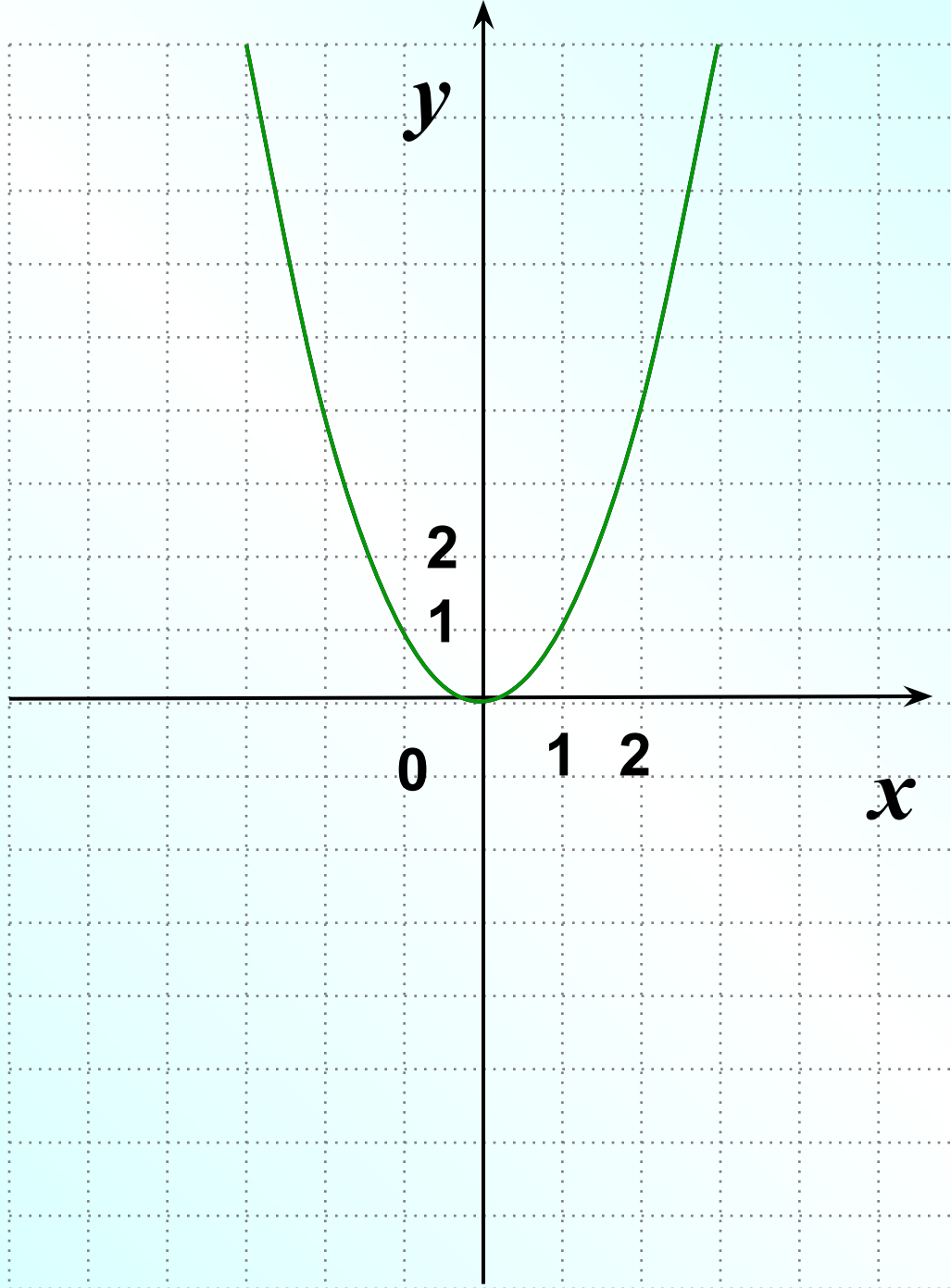


# Преобразования графиков

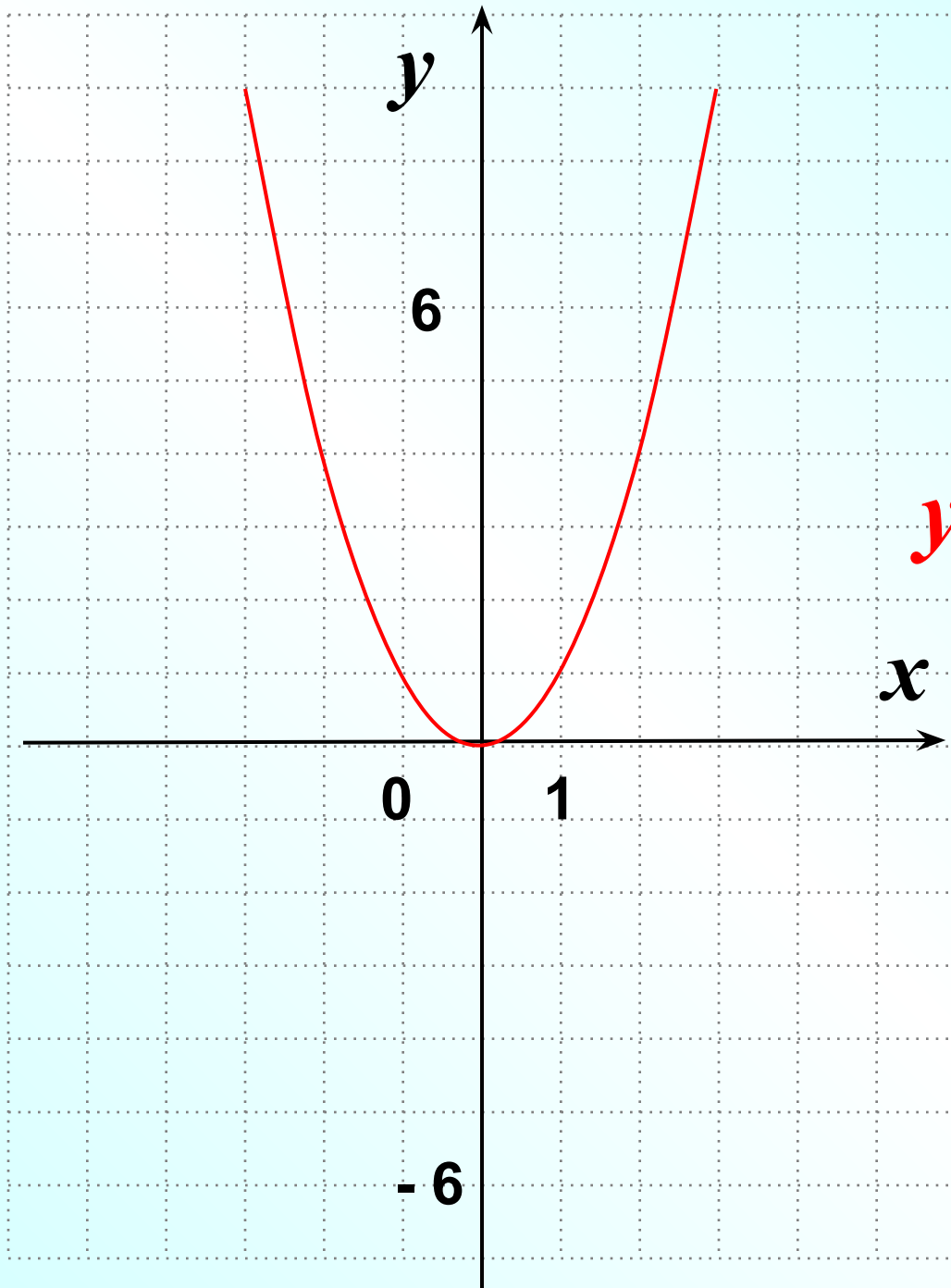
*квадратичной функции*  
*8 класс*



$$y = x^2$$

$$y = \frac{1}{2}x^2$$

$$y = 2x^2$$

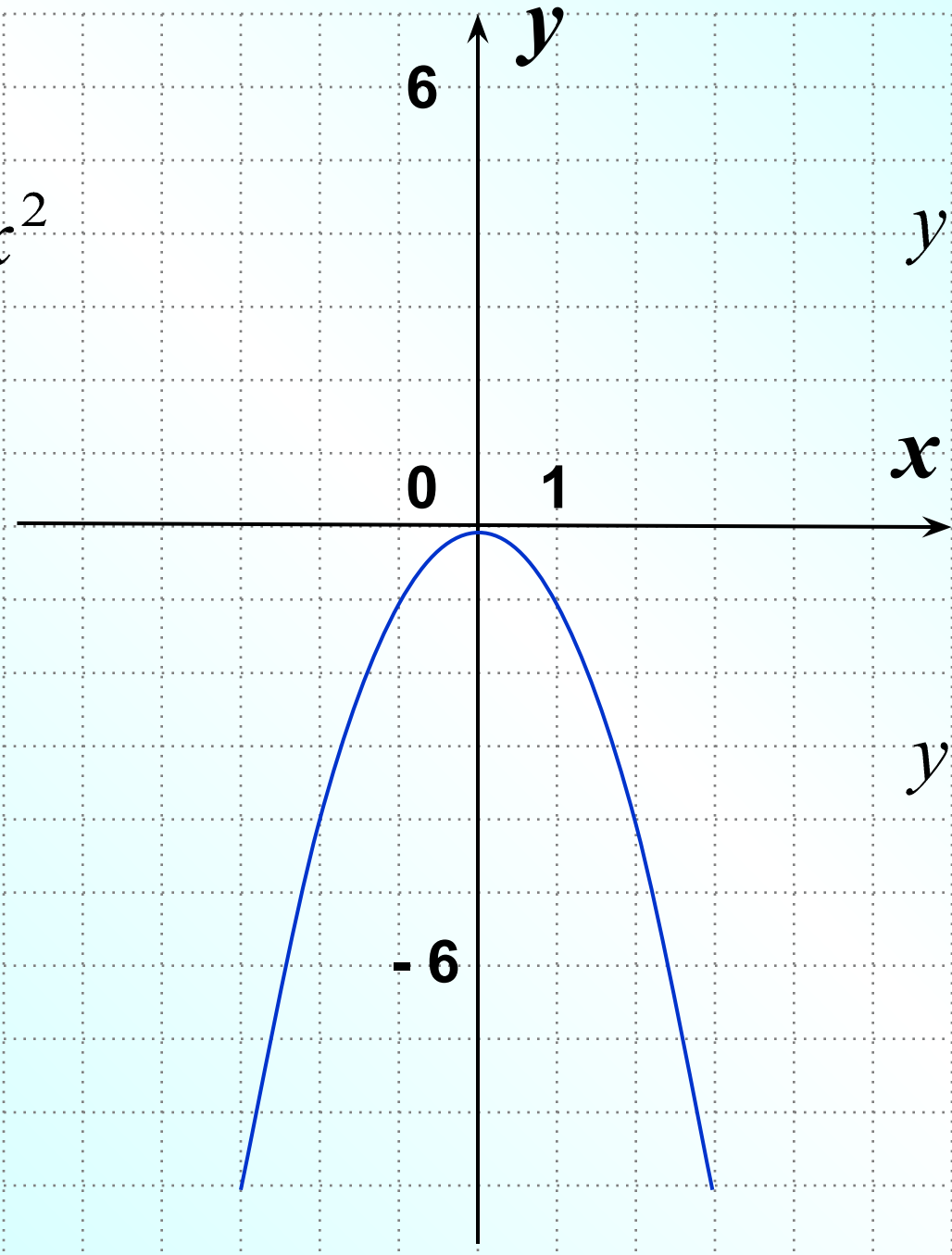


$$y = \frac{1}{2}x^2 + 6$$

$$y = \frac{1}{2}x^2 - 6$$

$$y = -\frac{1}{2}x^2$$

$$y = -\frac{1}{2}x^2 + 6$$



$$y = -\frac{1}{2}x^2 - 6$$

$$y = 2(x + 5,5)^2$$

$$y = 2x^2$$

$$y = 2(x - 5,5)^2$$

$$y = -2(x + 5,5)^2$$

$$y = -2(x - 5,5)^2$$

$$y = -2x^2$$

