

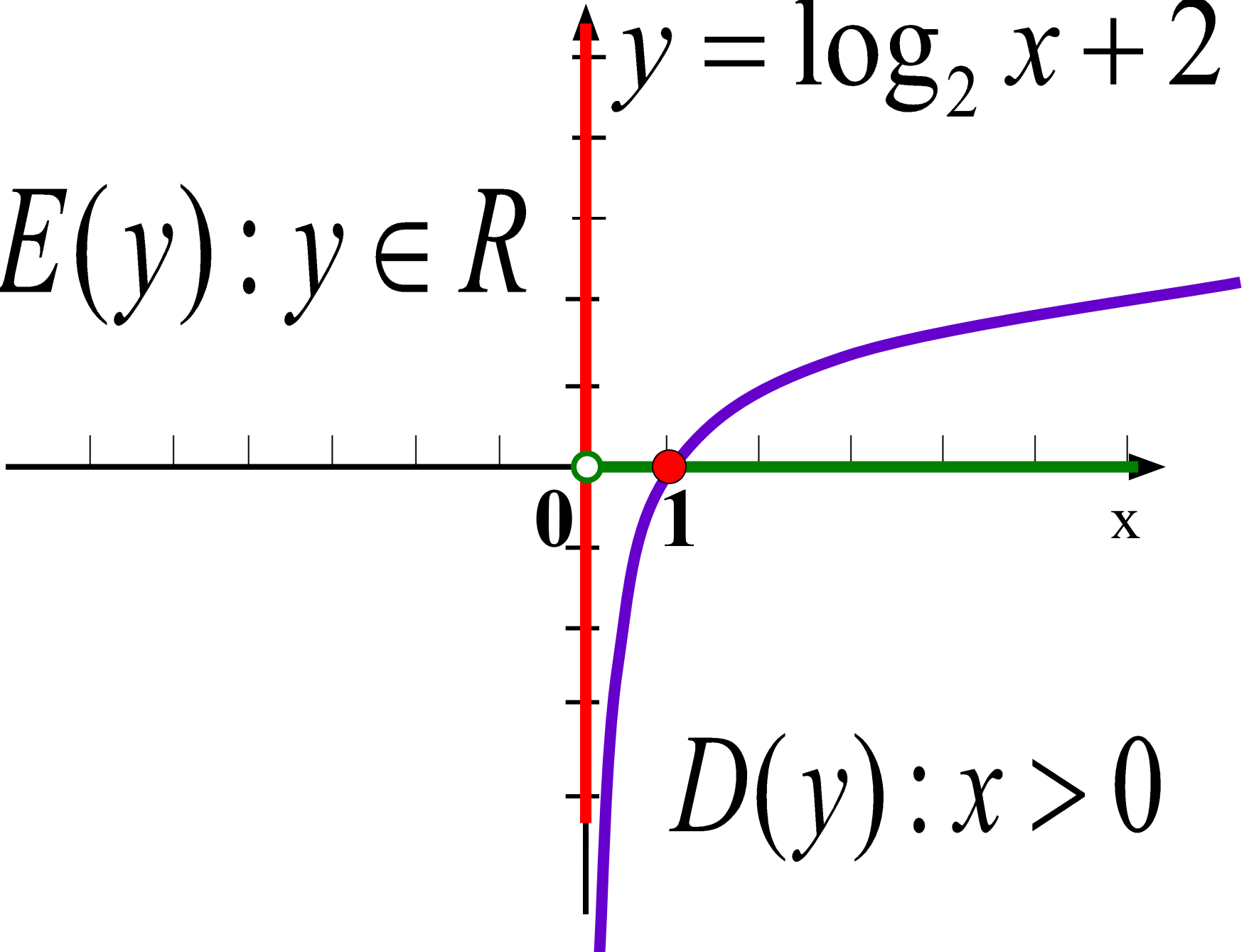
Логарифмическая
функция.

Преобразования
графиков.



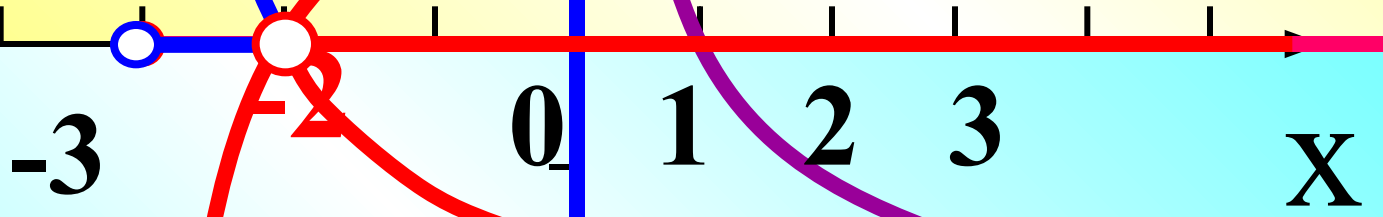
$$y = \log_2 x + 2$$

$$E(y) : y \in \mathbb{R}$$

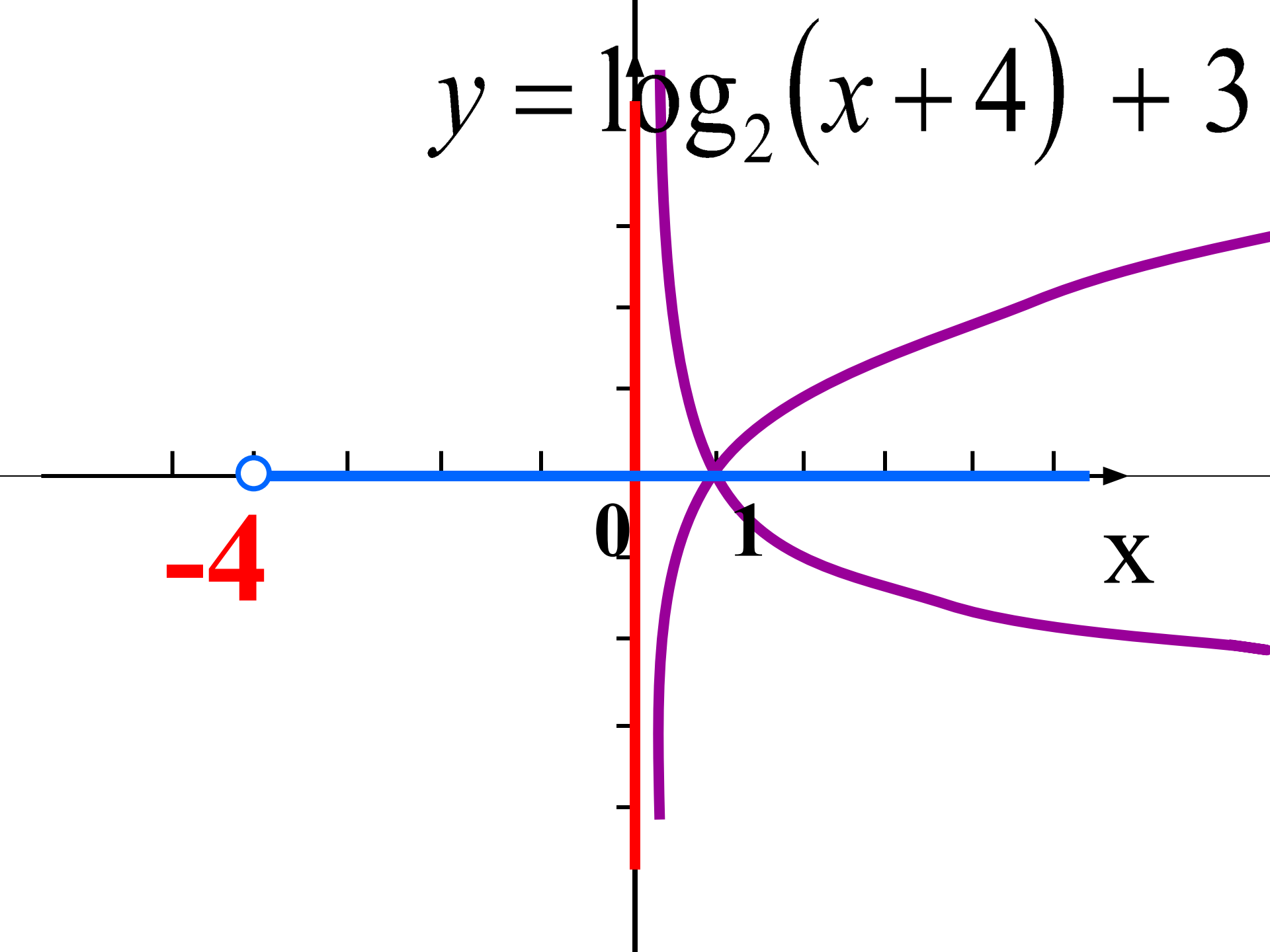


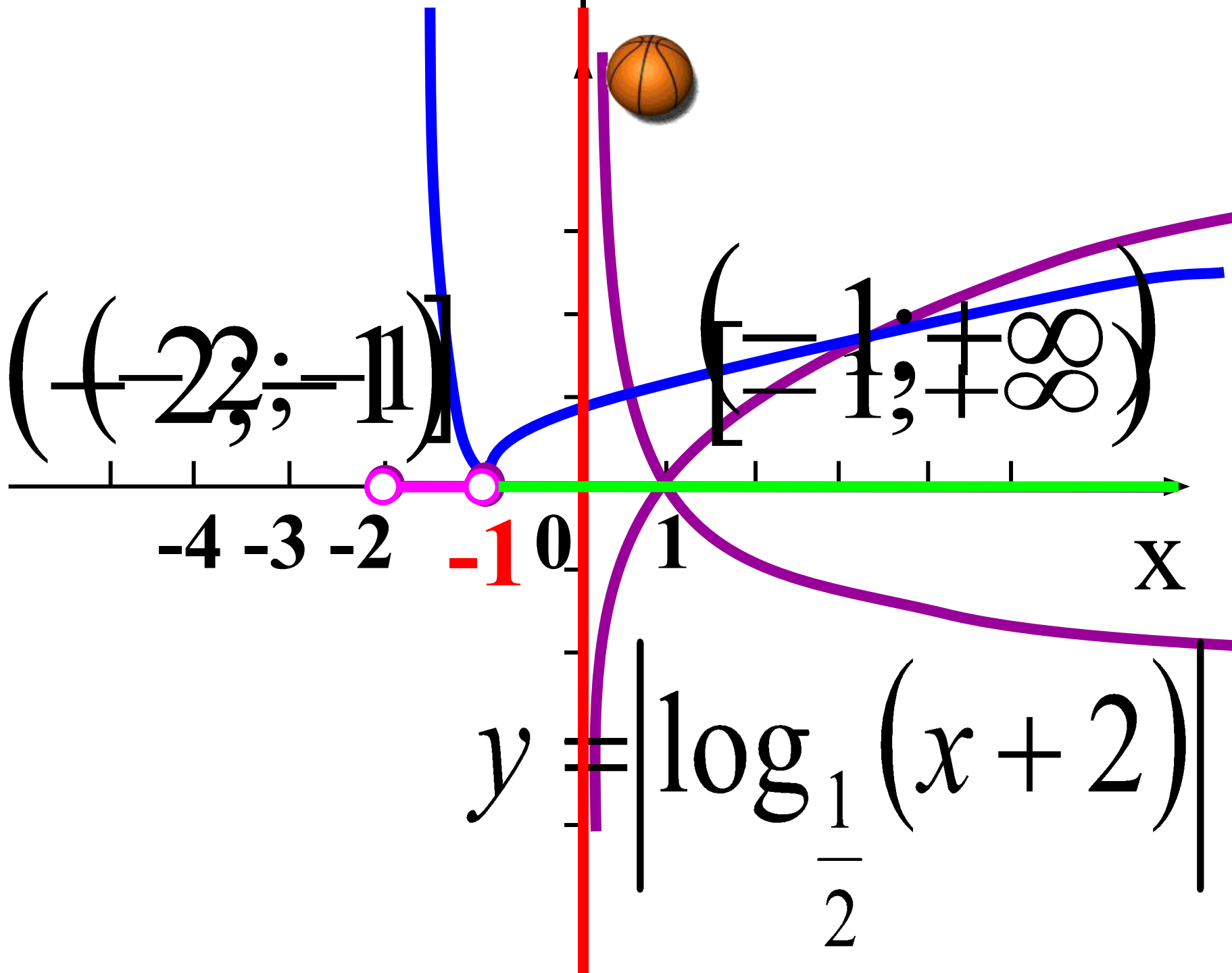
$$D(y) : x > 0$$

$$y = -\frac{1}{2} \log_1(x+3)$$

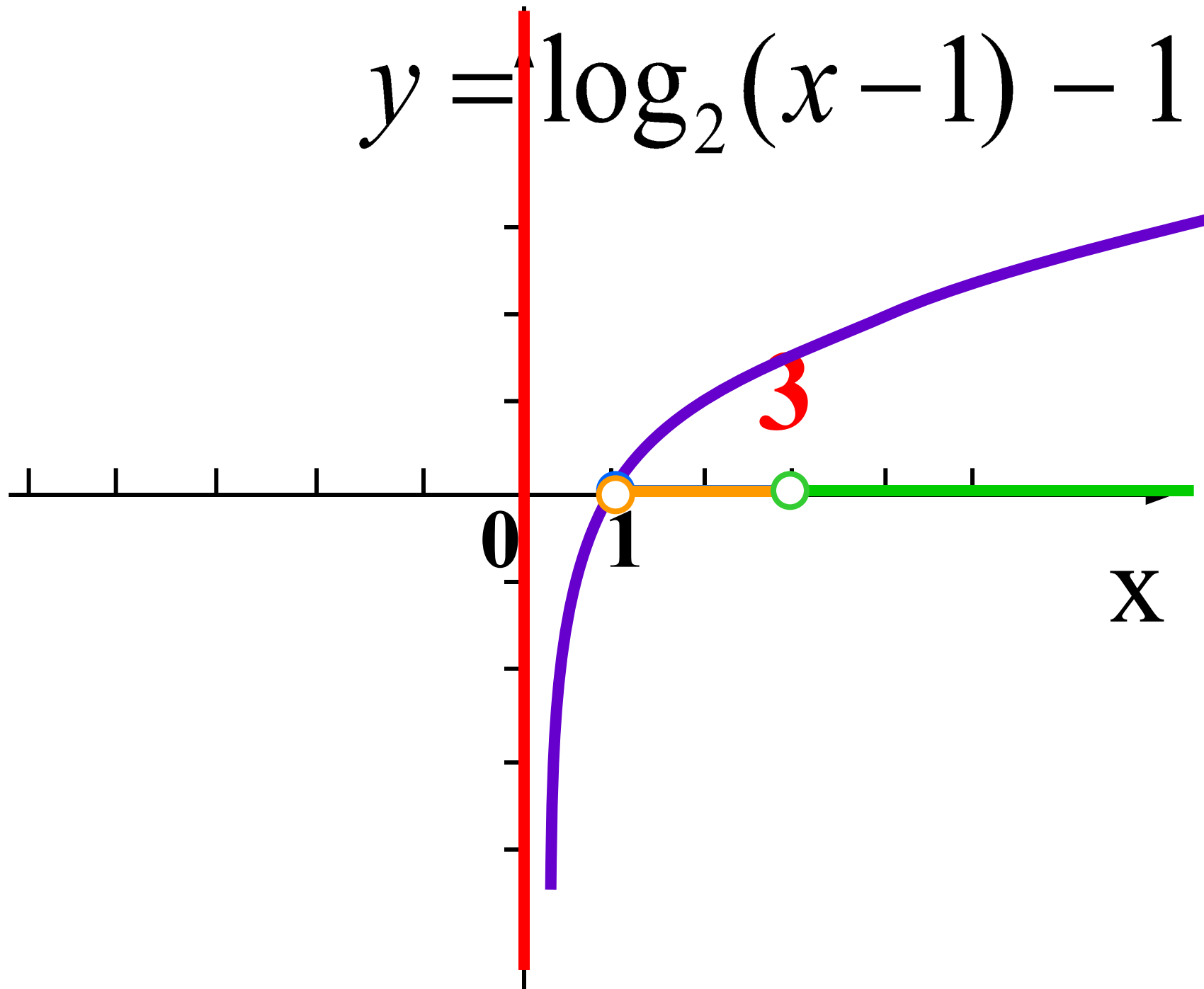


$$y = \log_2(x + 4) + 3$$

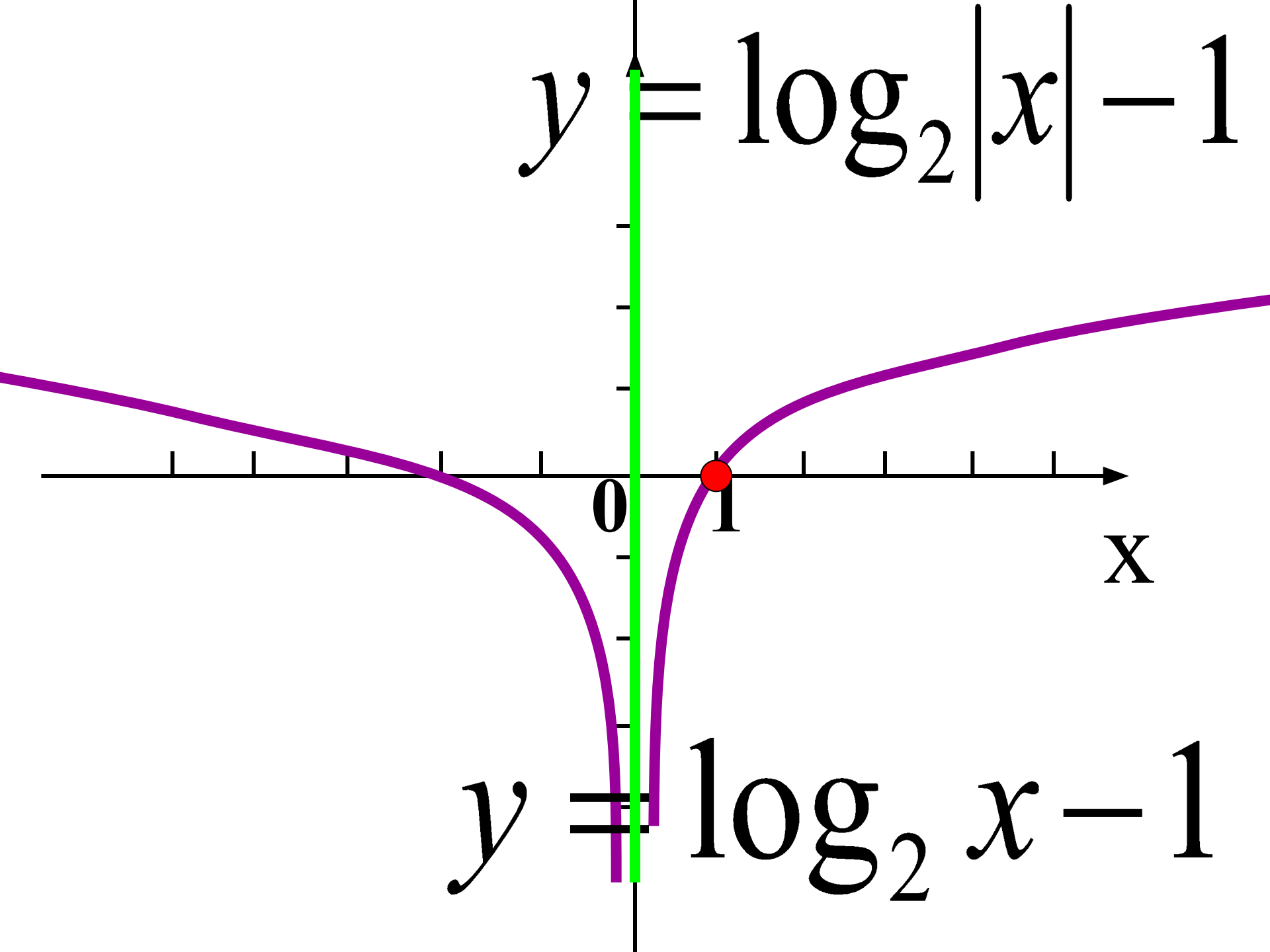




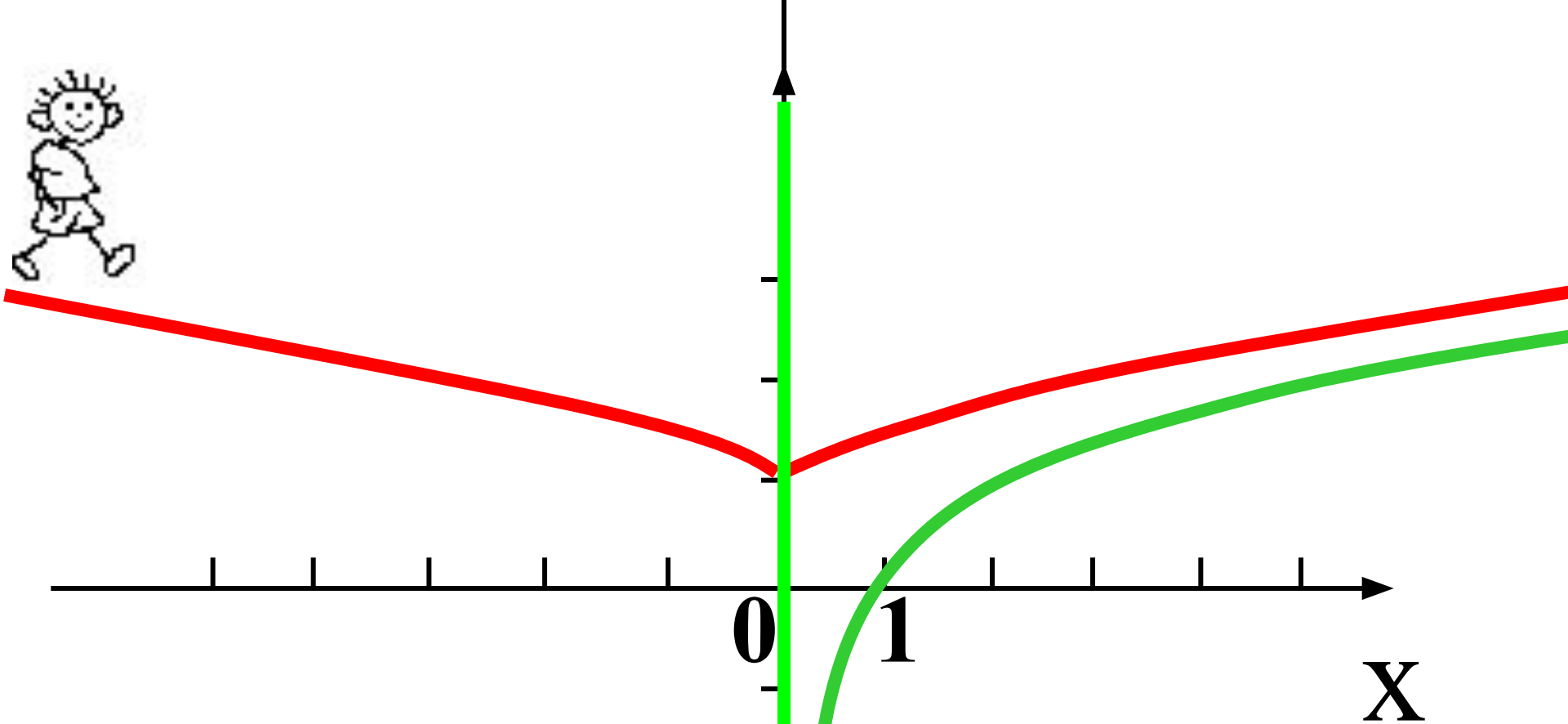
$$y = \log_2(x - 1) - 1$$



$$y = \log_2 |x| - 1$$

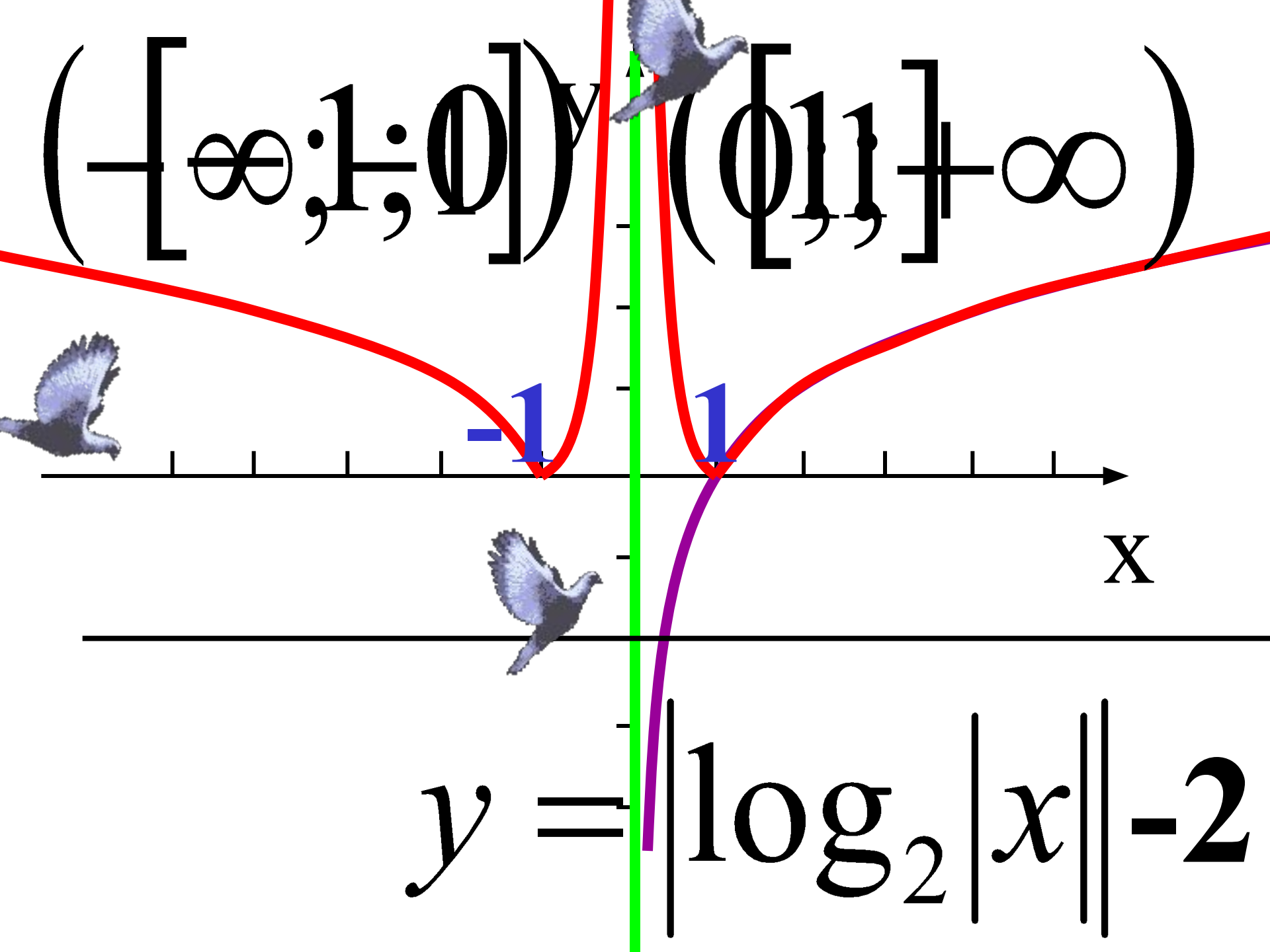


$$y = \log_2 x - 1$$



$$y = \log_2(|x| + 2)$$

$$\left(\left[\begin{array}{c} -\infty \\ 1 \\ 0 \end{array} \right] \right)_y \quad \left(\left[\begin{array}{c} 1 \\ 1 \\ +\infty \end{array} \right] \right)_x$$



$$y = |\log_2|x|| - 2$$

