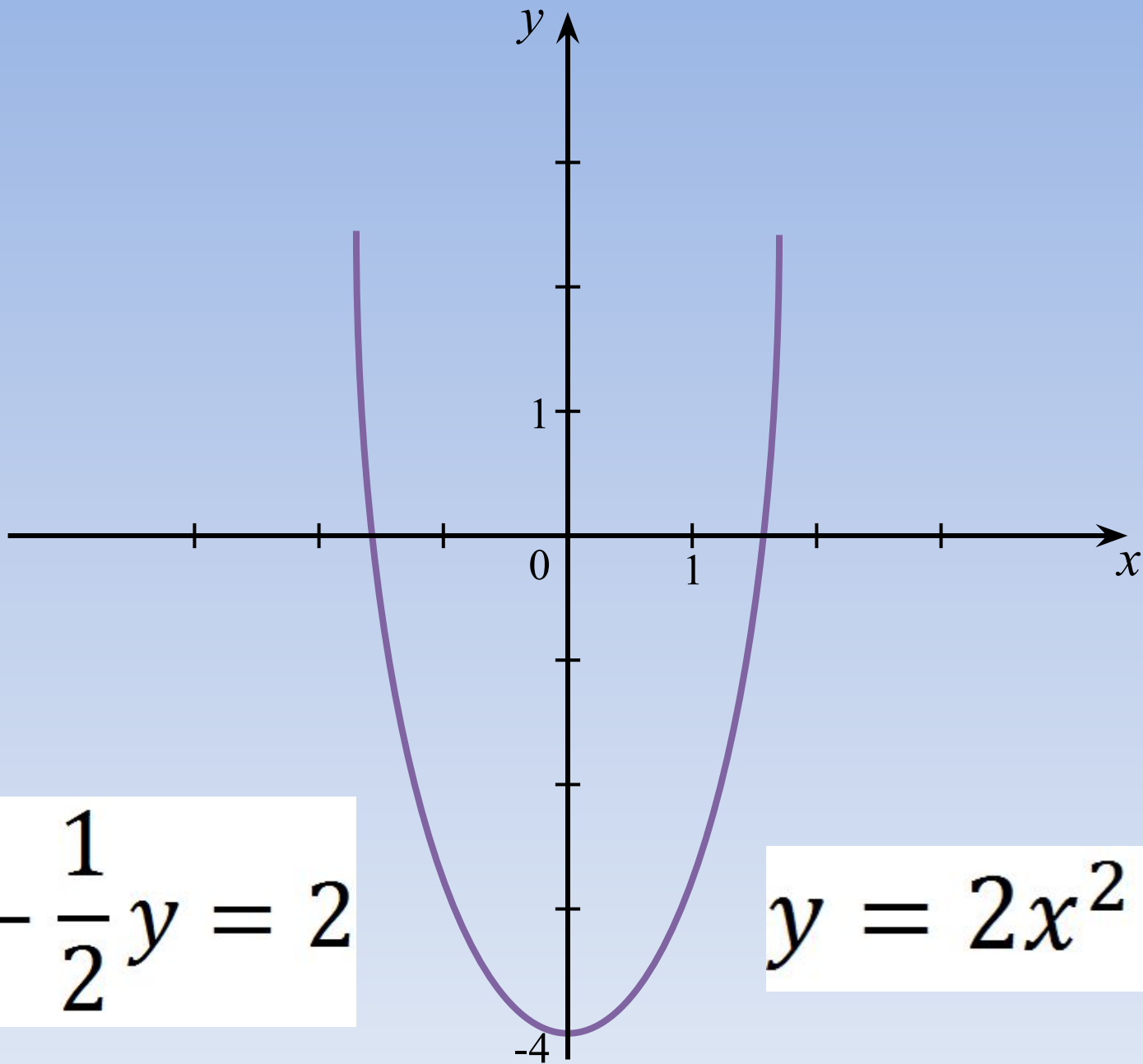
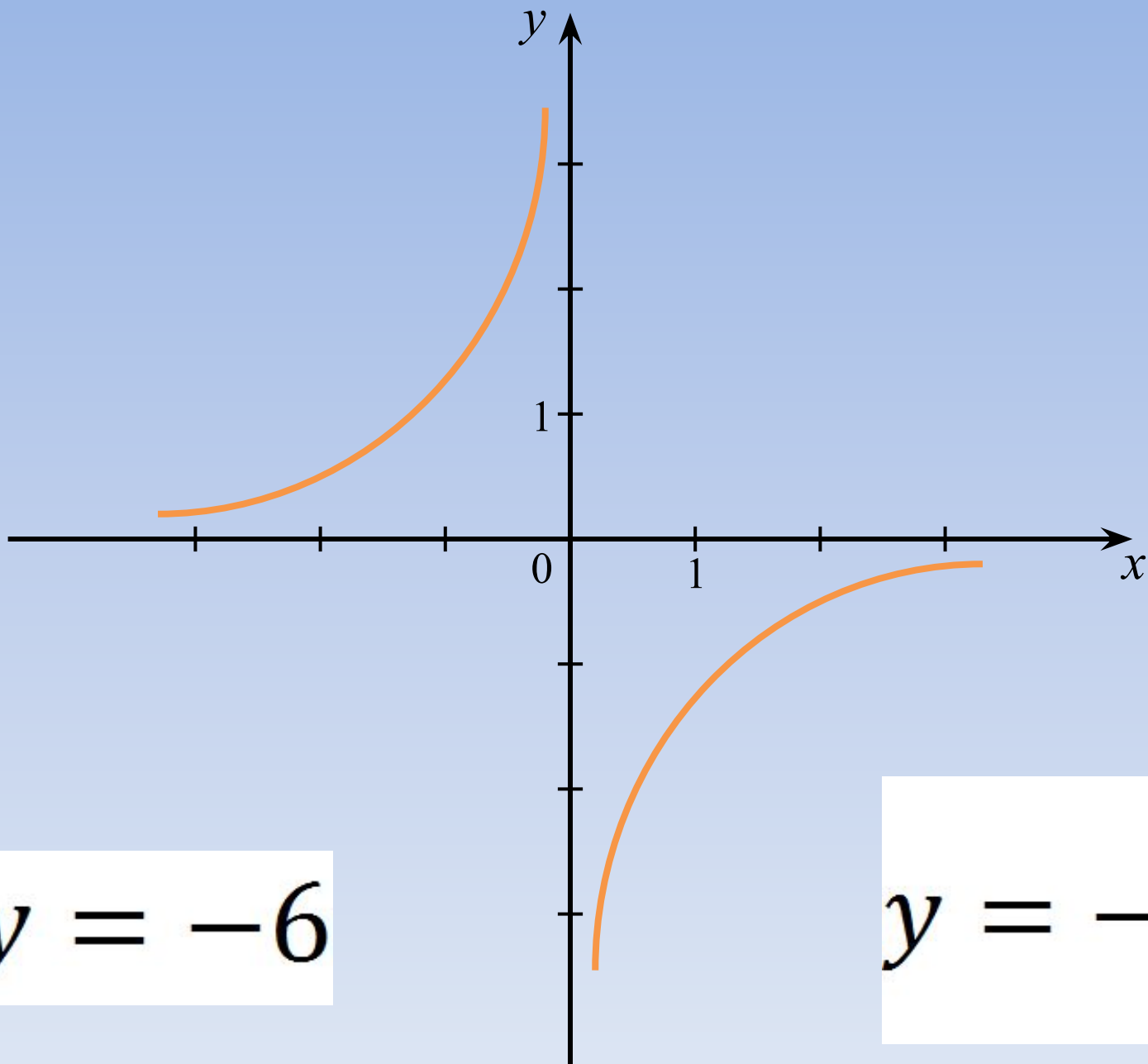


Графическое решение систем уравнений с двумя переменными



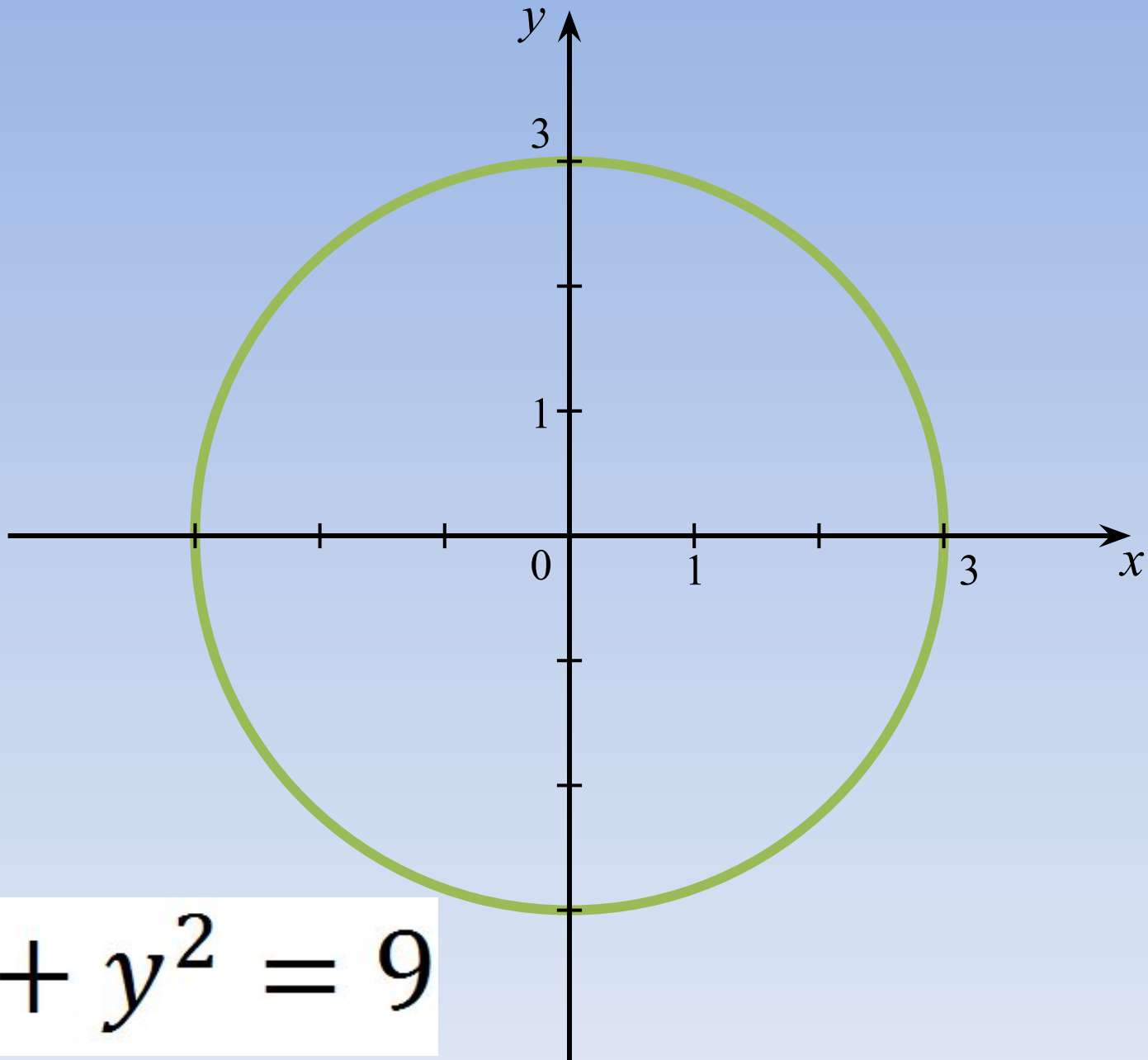
$$x^2 - \frac{1}{2}y = 2$$

$$y = 2x^2 - 4$$

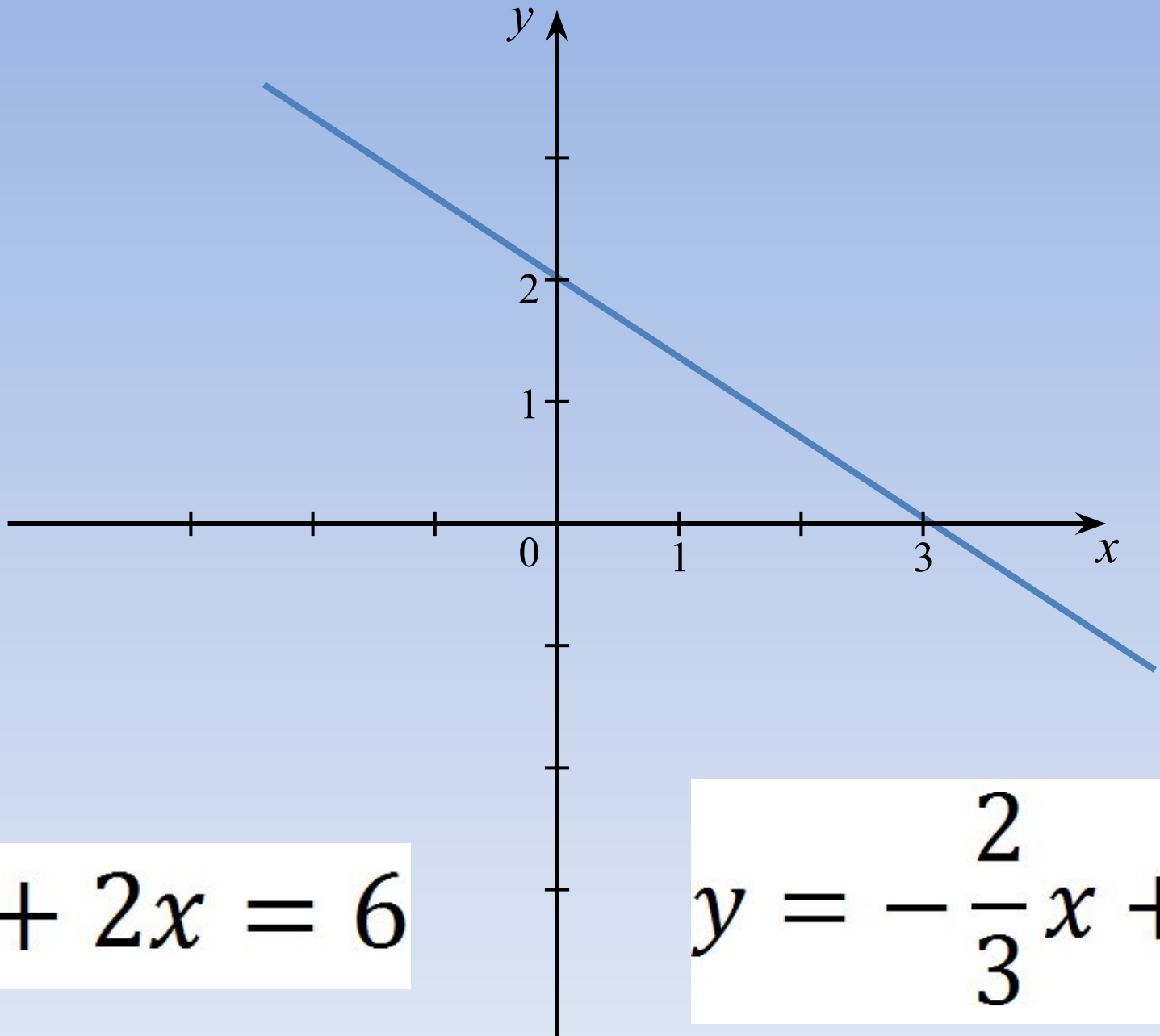


$$xy = -6$$

$$y = -\frac{6}{x}$$

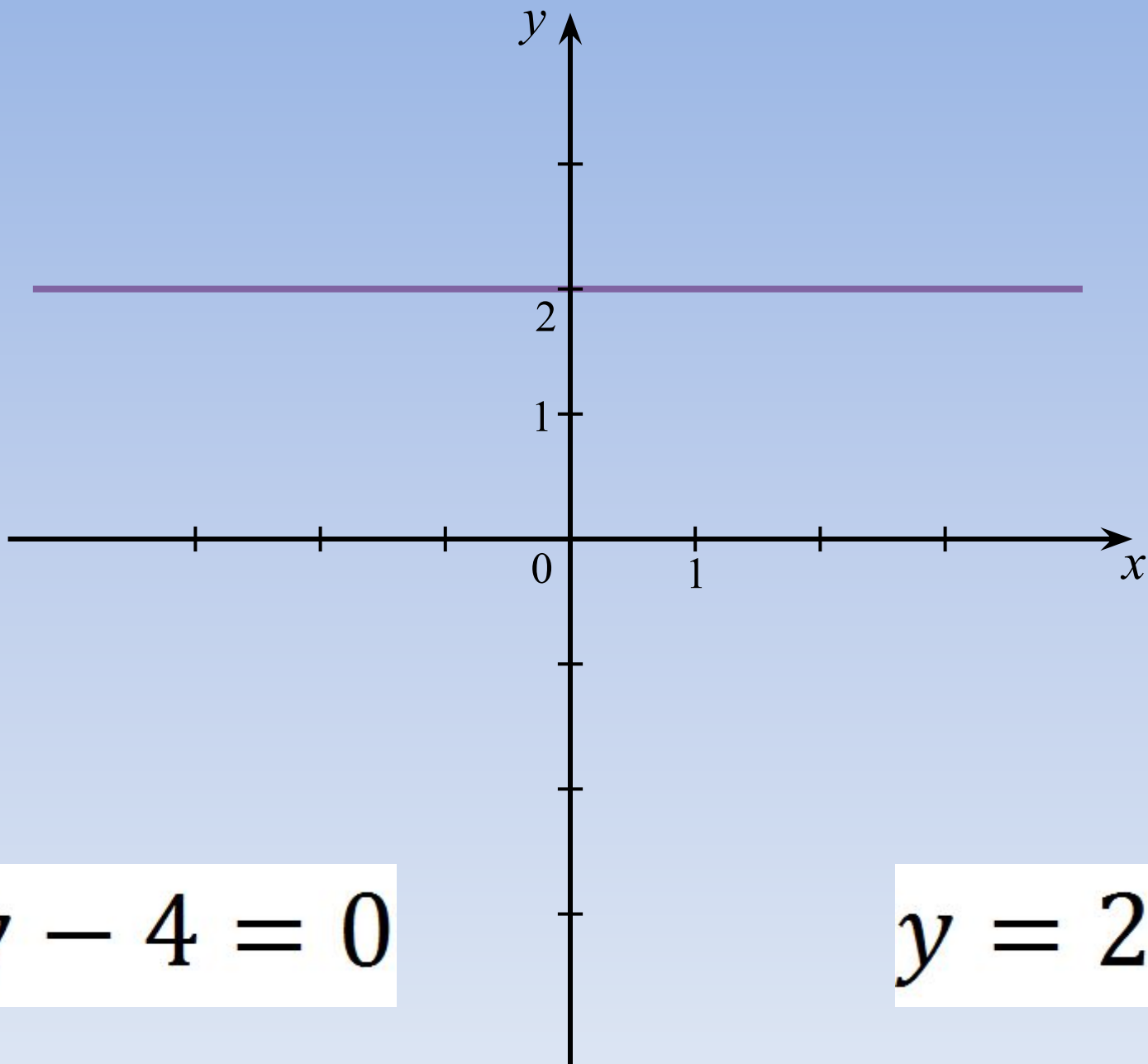


$$x^2 + y^2 = 9$$



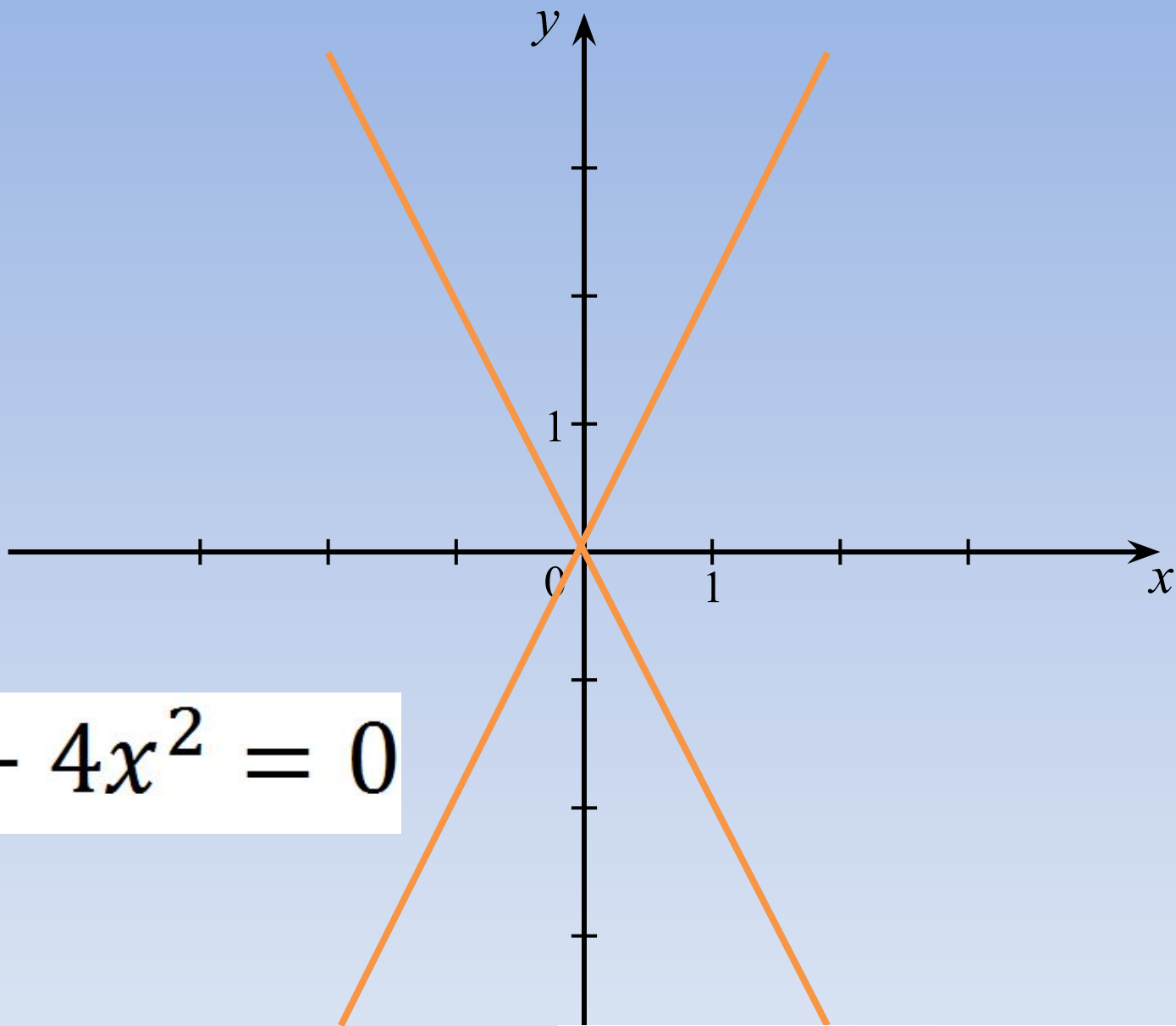
$$3y + 2x = 6$$

$$y = -\frac{2}{3}x + 2$$



$$2y - 4 = 0$$

$$y = 2$$

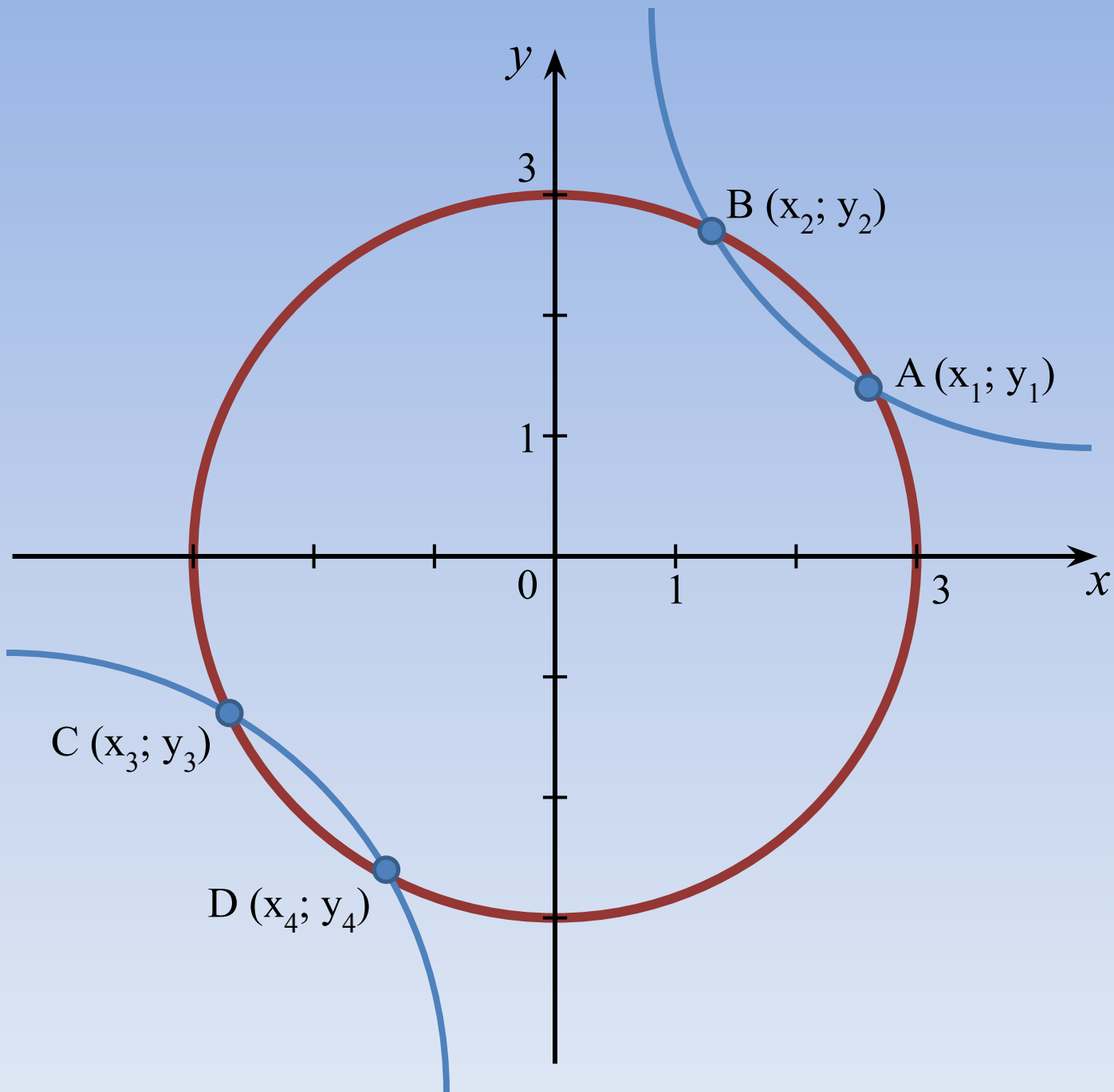


$$y^2 - 4x^2 = 0$$

$$(y - 2x)(y + 2x) = 0$$

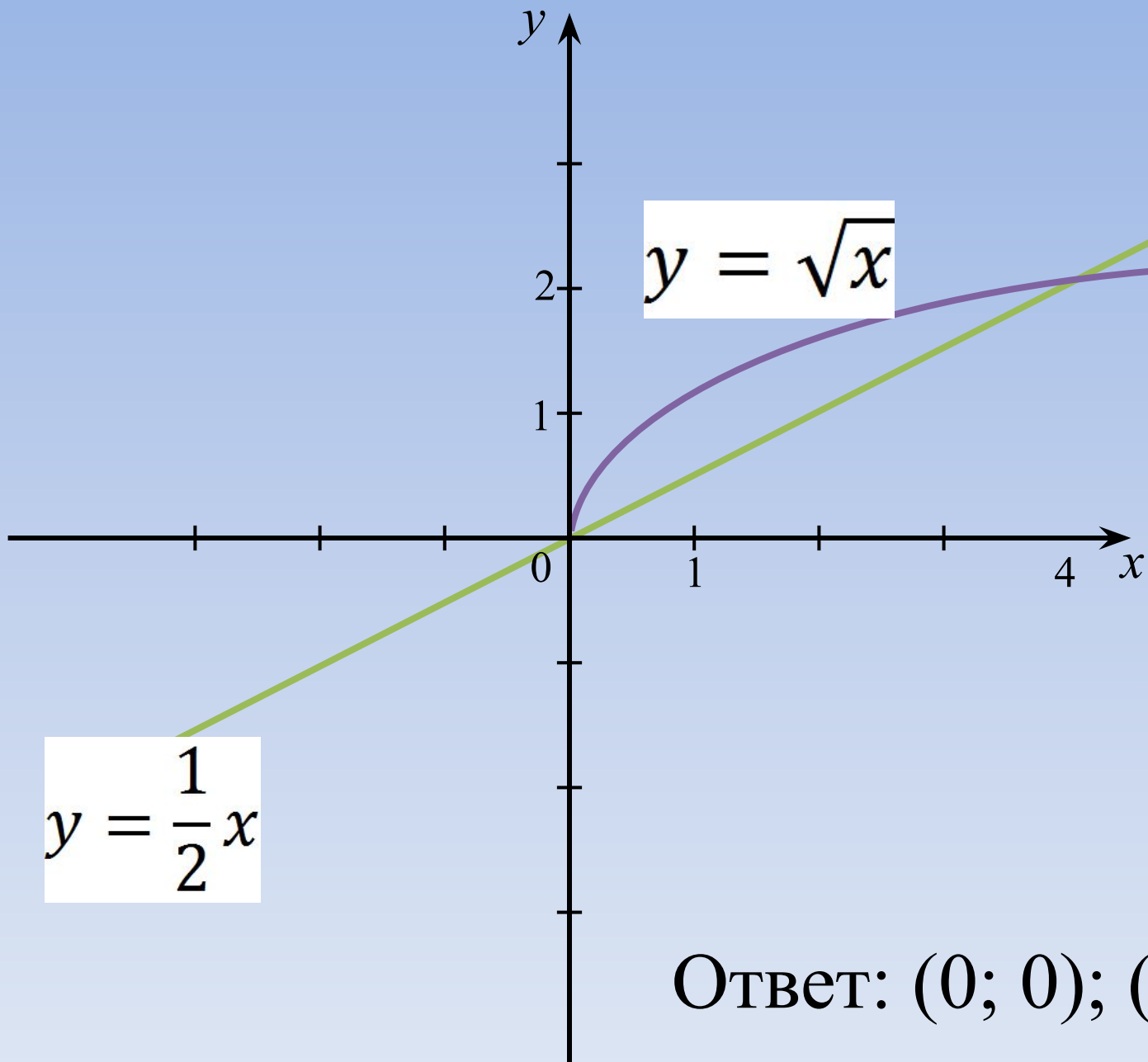
Сколько решений имеет
система уравнений?

$$\begin{cases} x^2 + y^2 = 9 \\ xy = 4 \end{cases}$$



Решите систему
уравнений.

$$\begin{cases} y - \sqrt{x} = 0 \\ y - \frac{1}{2}x = 0 \end{cases}$$



Ответ: (0; 0); (4; 2).