

# SPIRAL # 15

NAME: \_\_\_\_\_  
7<sup>th</sup> GRADE

Solve!

$$\textcircled{1} \frac{2}{5}(x+15) = 0$$

$$\textcircled{2} 3(2x+1)+4 = 6(x+1)+1$$

$$\textcircled{3} 4x-3 = -x-7$$

$$\textcircled{4} \frac{1}{3}x + 3 + \frac{2}{3}x = 7$$

$$\textcircled{5} -(4x-7) = -3$$

$$\textcircled{6} \frac{1}{2}x + 3 = -\frac{1}{2}x$$

Simplify!

$$\textcircled{1} (4xyz)(5x^2yz^3)$$

$$\textcircled{2} (-3x^2)(11x^5)$$

$$\textcircled{3} \frac{24x^2}{8x^5}$$

$$\textcircled{4} \frac{4y^7}{36y}$$

$$\textcircled{5} (9x^3)^2$$

$$\textcircled{6} (2y^4)^3$$

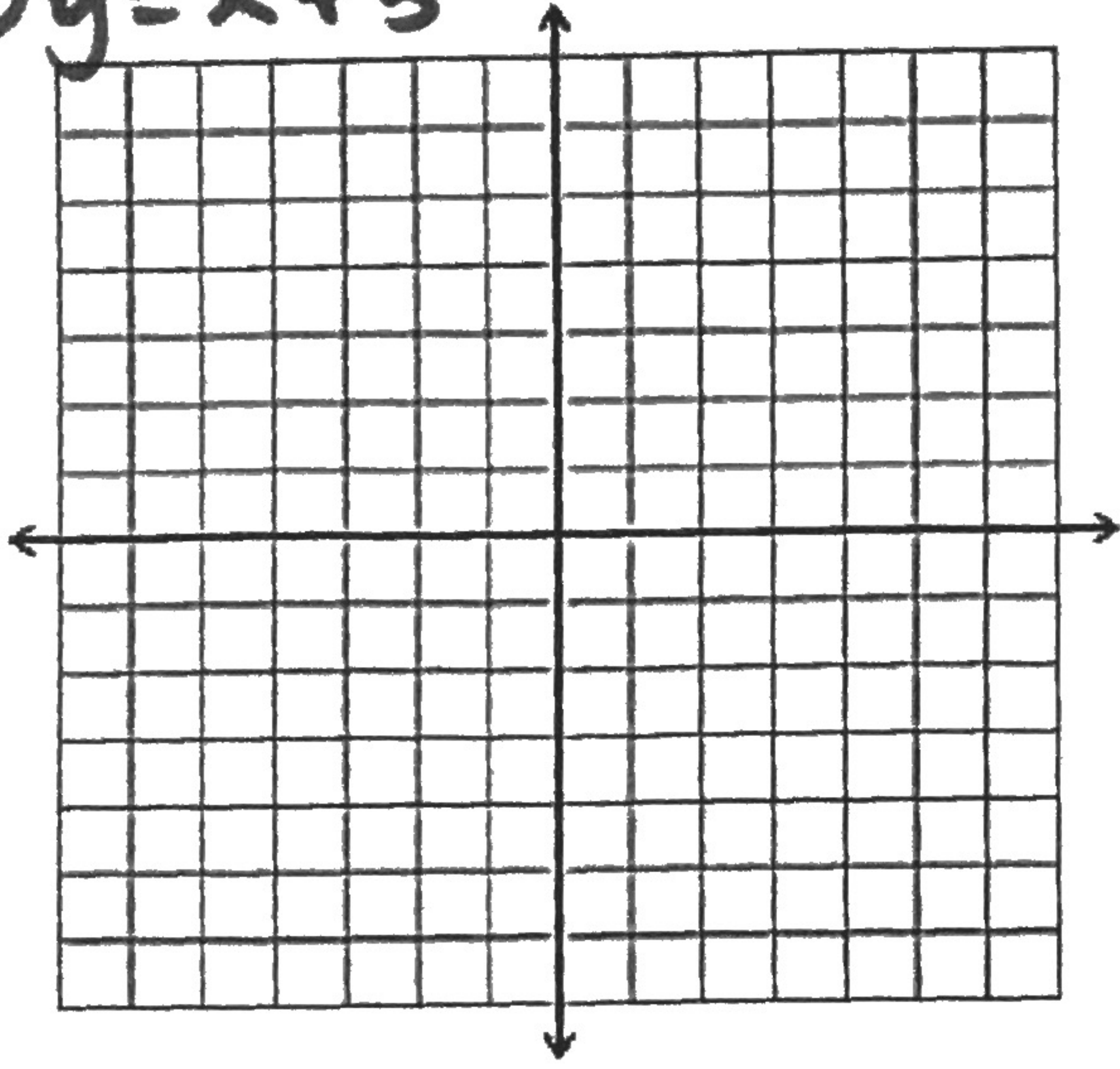
$$\textcircled{7} \frac{a^2b^3c^{10}}{a^7b^1c^4}$$

$$\textcircled{8} \frac{m^{-3}n^1p^{-4}}{m^7n^{-2}p^{-3}}$$

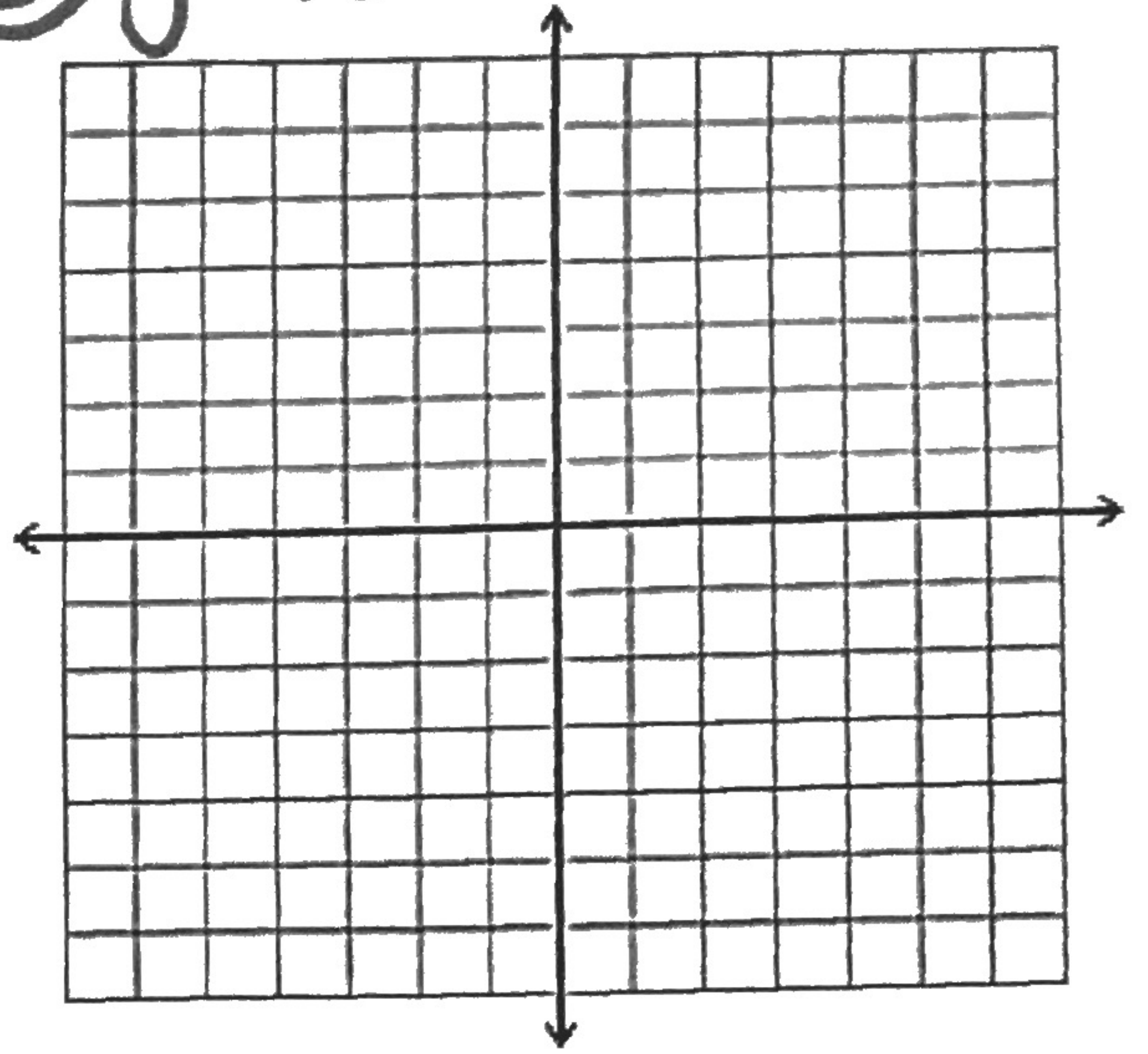


Graph the equations.

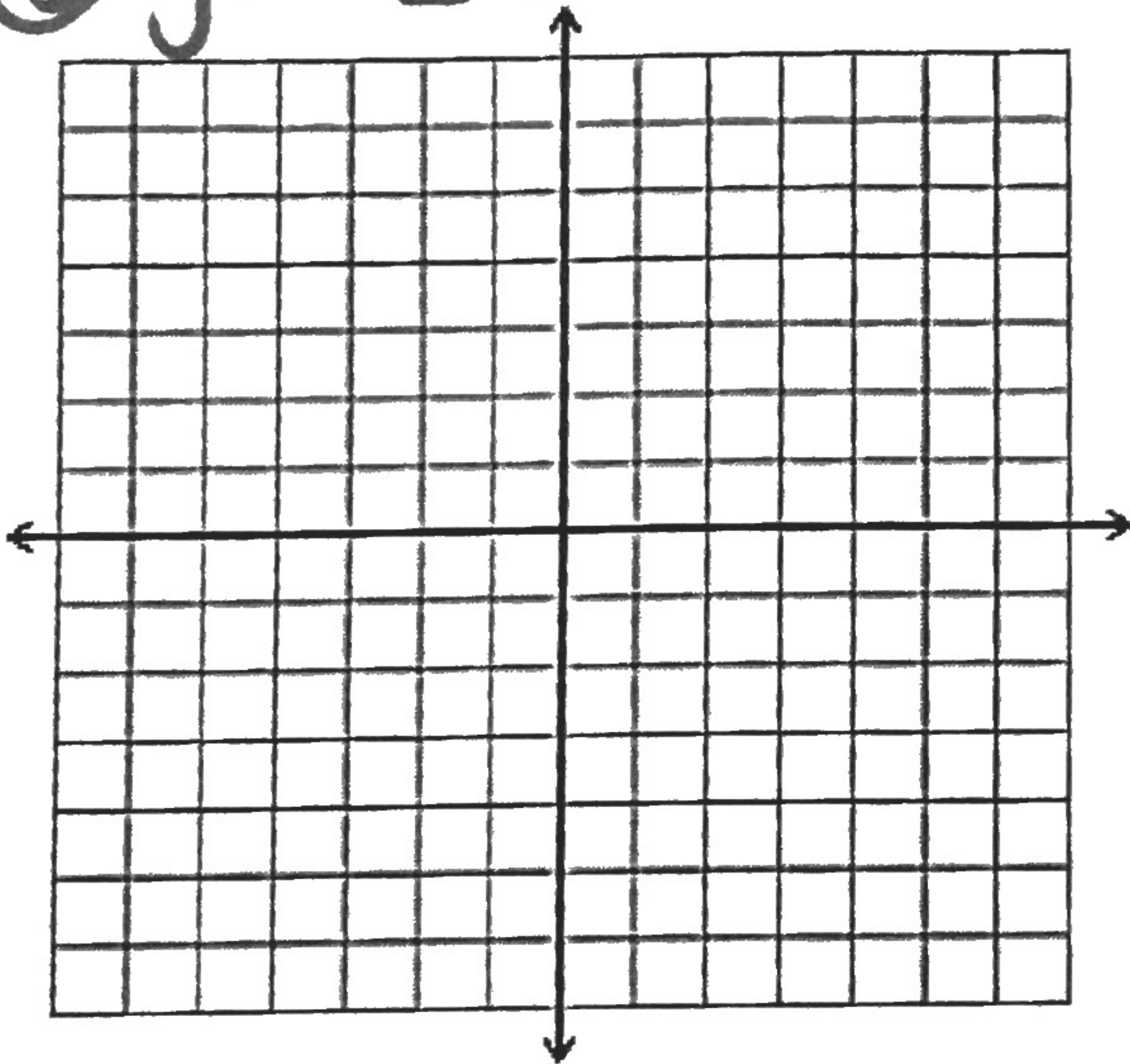
①  $y = x + 3$



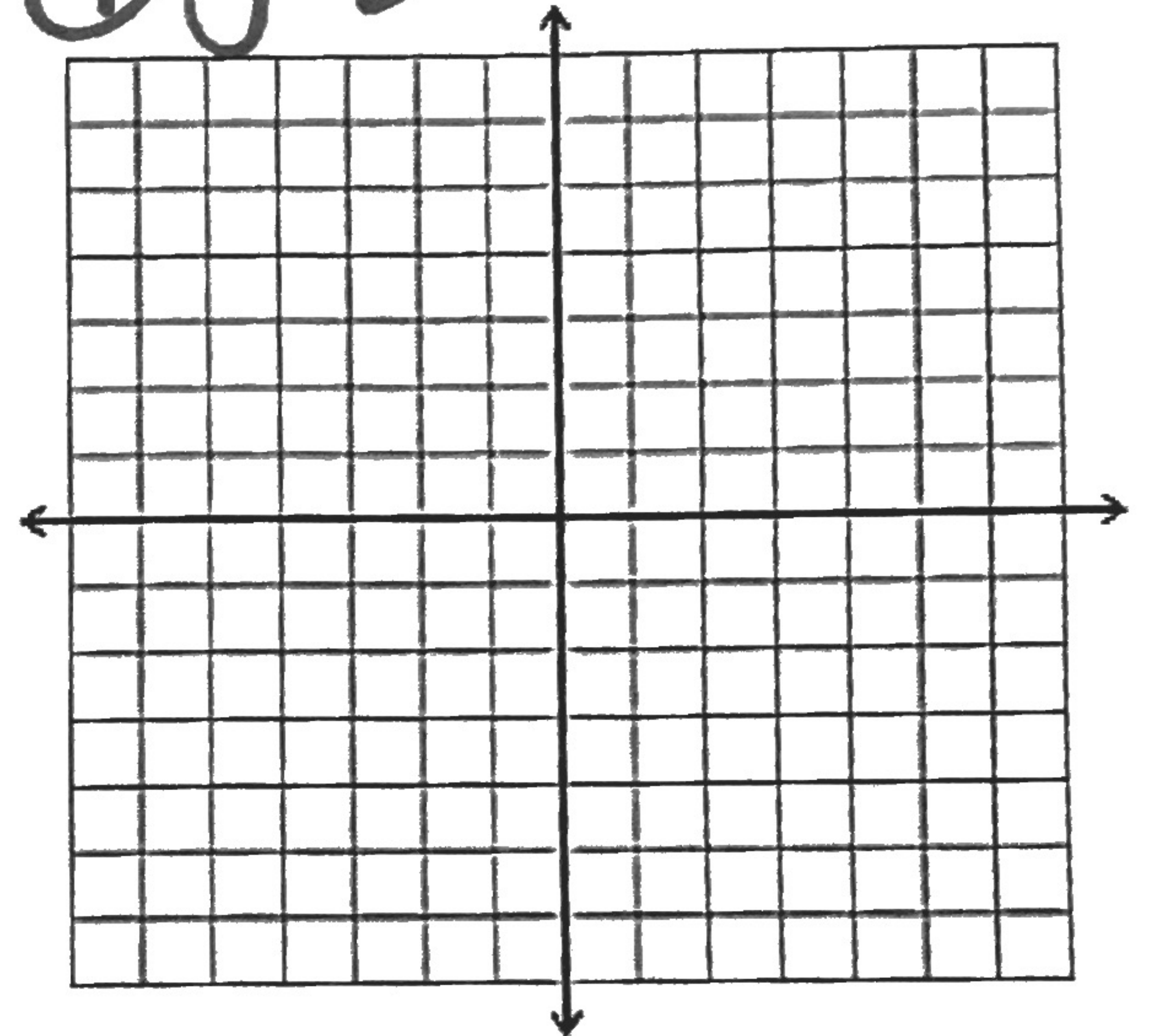
②  $y = \frac{2}{3}x - 4$



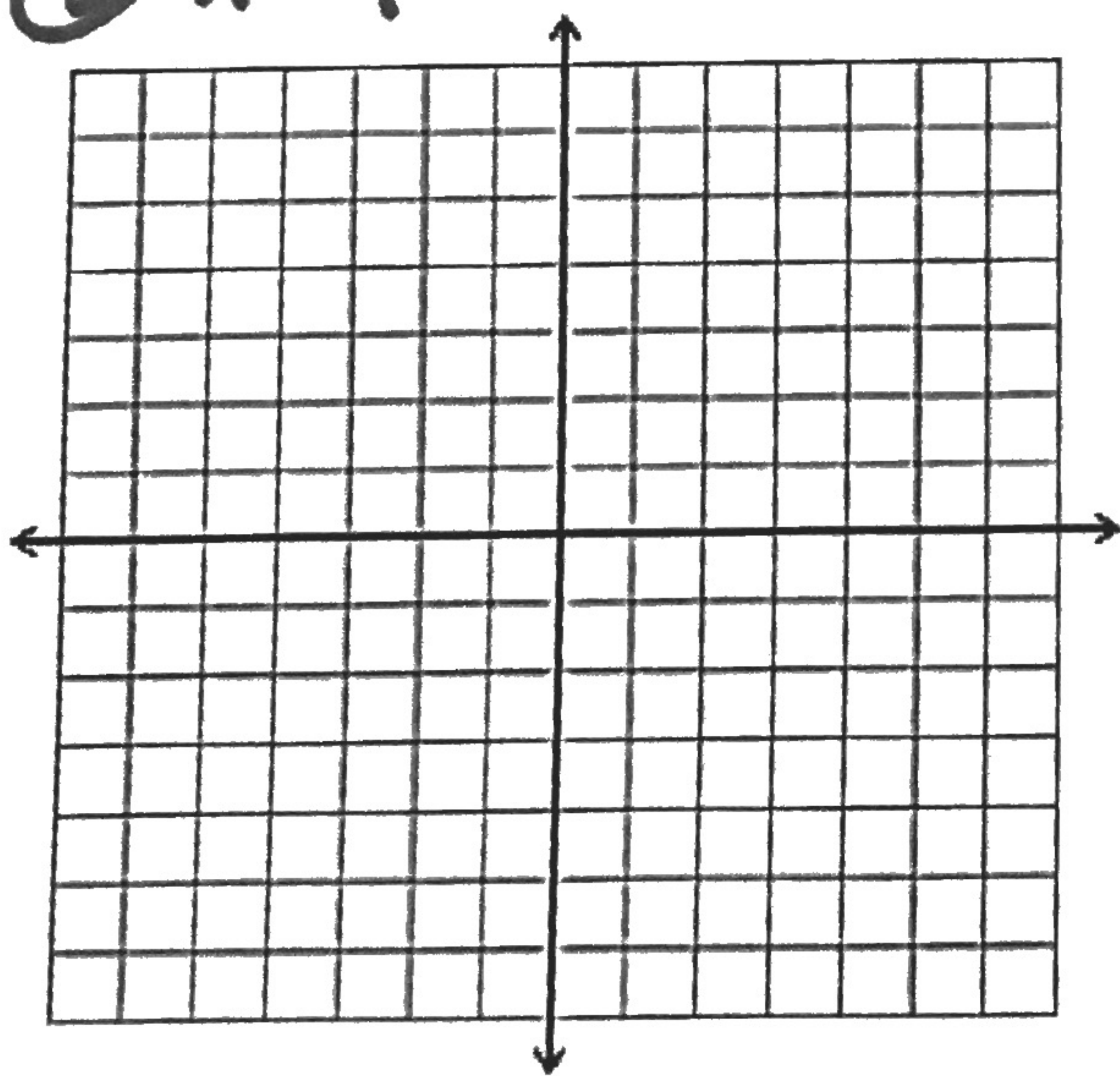
③  $y = -2x$



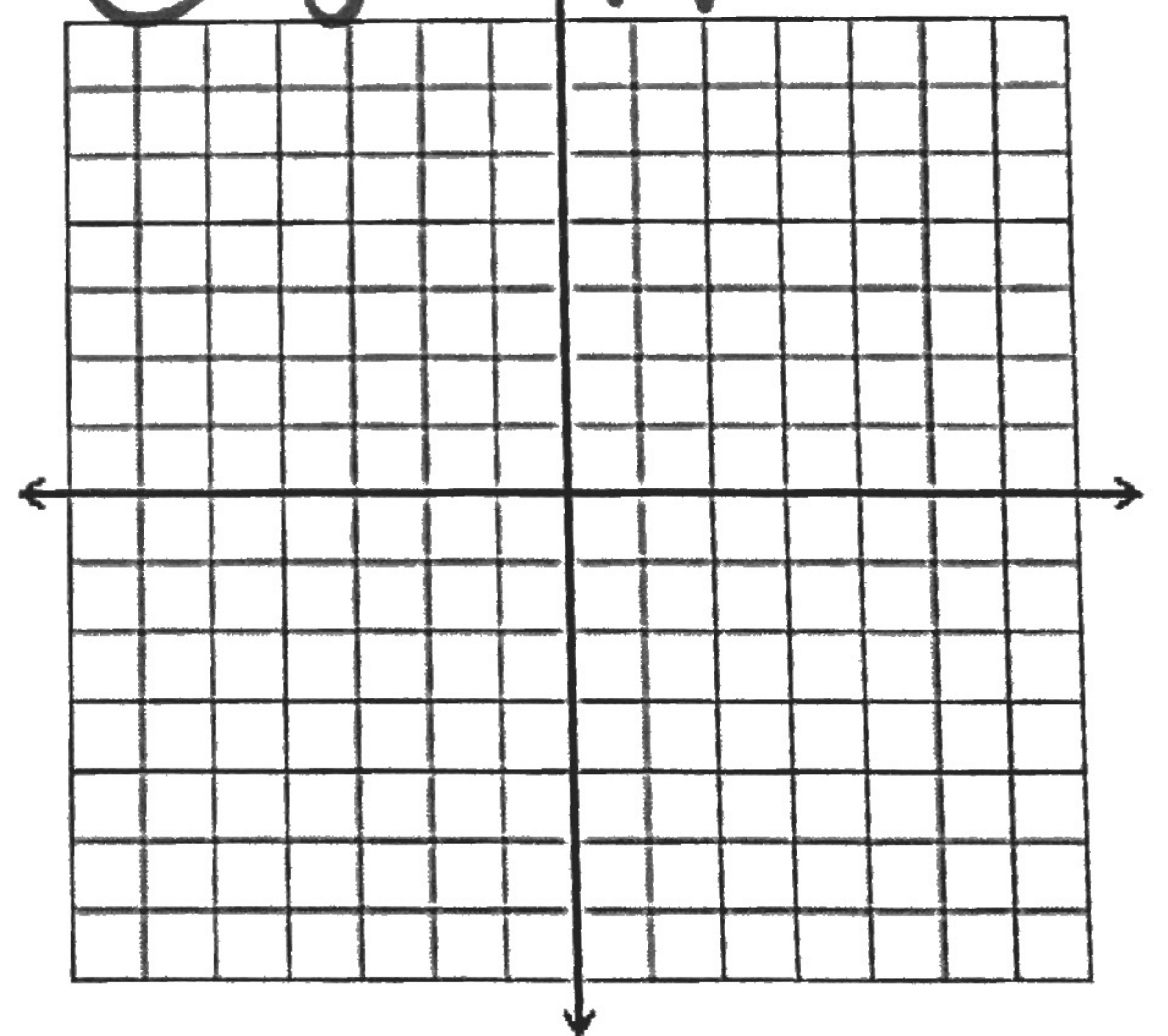
④  $y = 3$



⑤  $x = 1$



⑥  $y = -\frac{3}{4}x + 1$





~ Write the equation of the line. ~

