First Name:_____   Last Name:_____
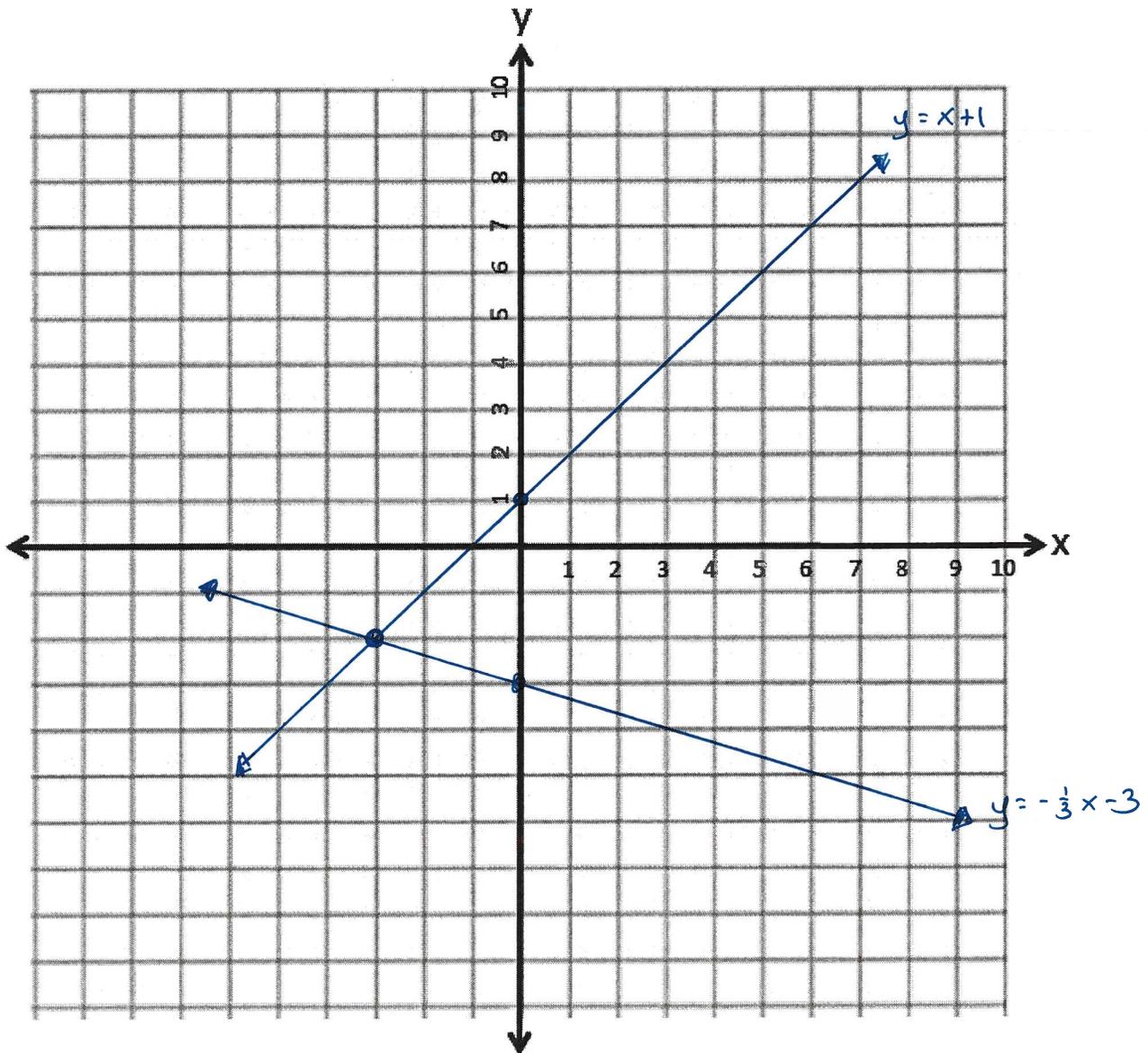
L48 – FQ – 8.1 Graphing Linear Systems of Equations

Q1: Solve the system of equations by graphing on the grid below: *(3 marks)*

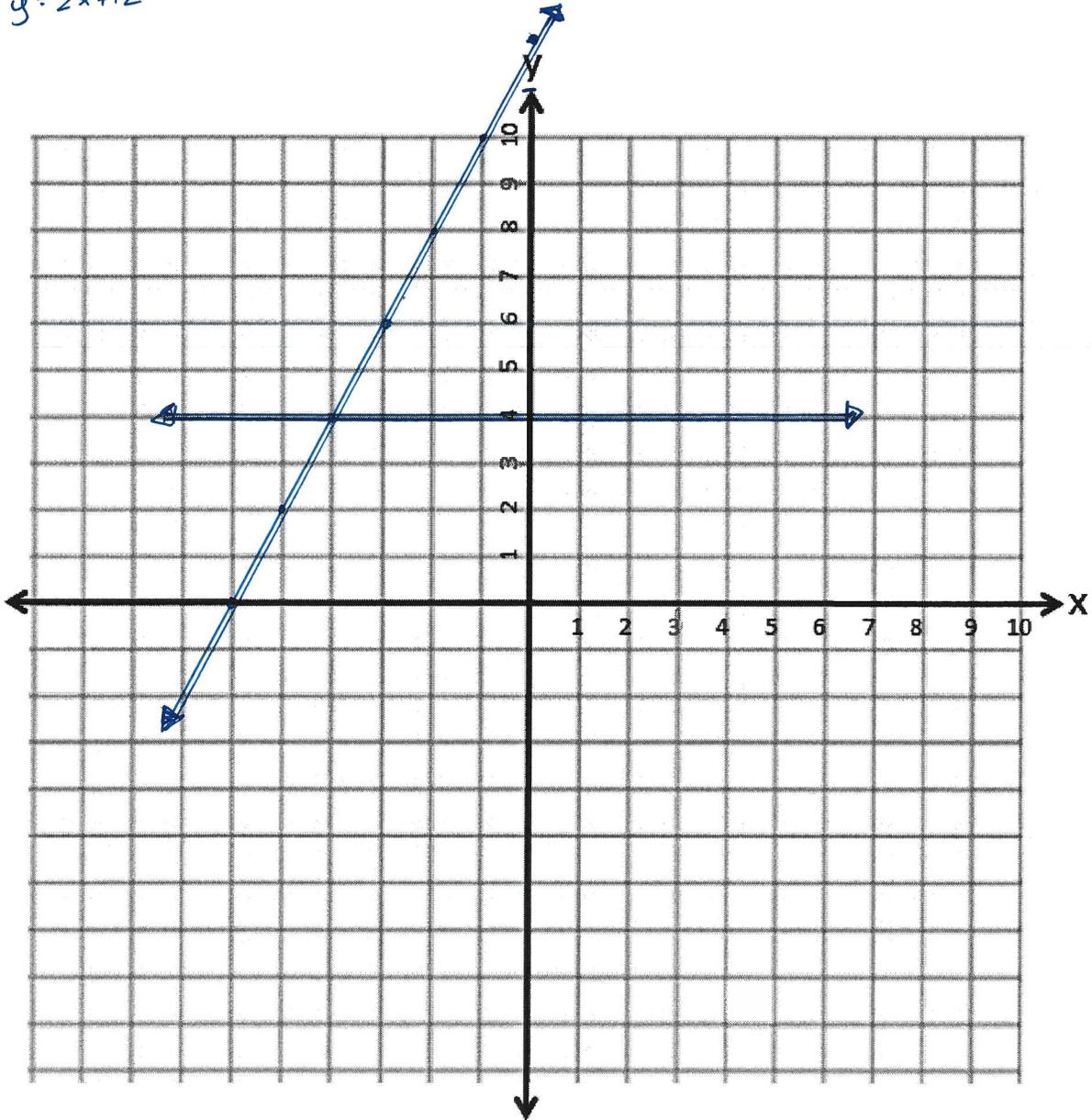$$y = x + 1 \qquad\qquad y = -\frac{1}{3}x - 3$$

$y = x + 1$

$y = -\frac{1}{3}x - 3$

soln is $(-3, -2)$

Q2: Solve the system of equations by graphing on the grid below: *(3 marks)*

$$2x - 1y + 12 = 0 \qquad\qquad y = 4$$

$$+1y \qquad\qquad +1y$$

$$2x + 12 = 1y$$

$$y = 2x + 12$$

soln $(-4, 4)$

MARKING:

Beginning	0.0 – 2.5
Progressing	3.0 – 4.0
Competent	4.5 – 5.5
Exemplary	6.0