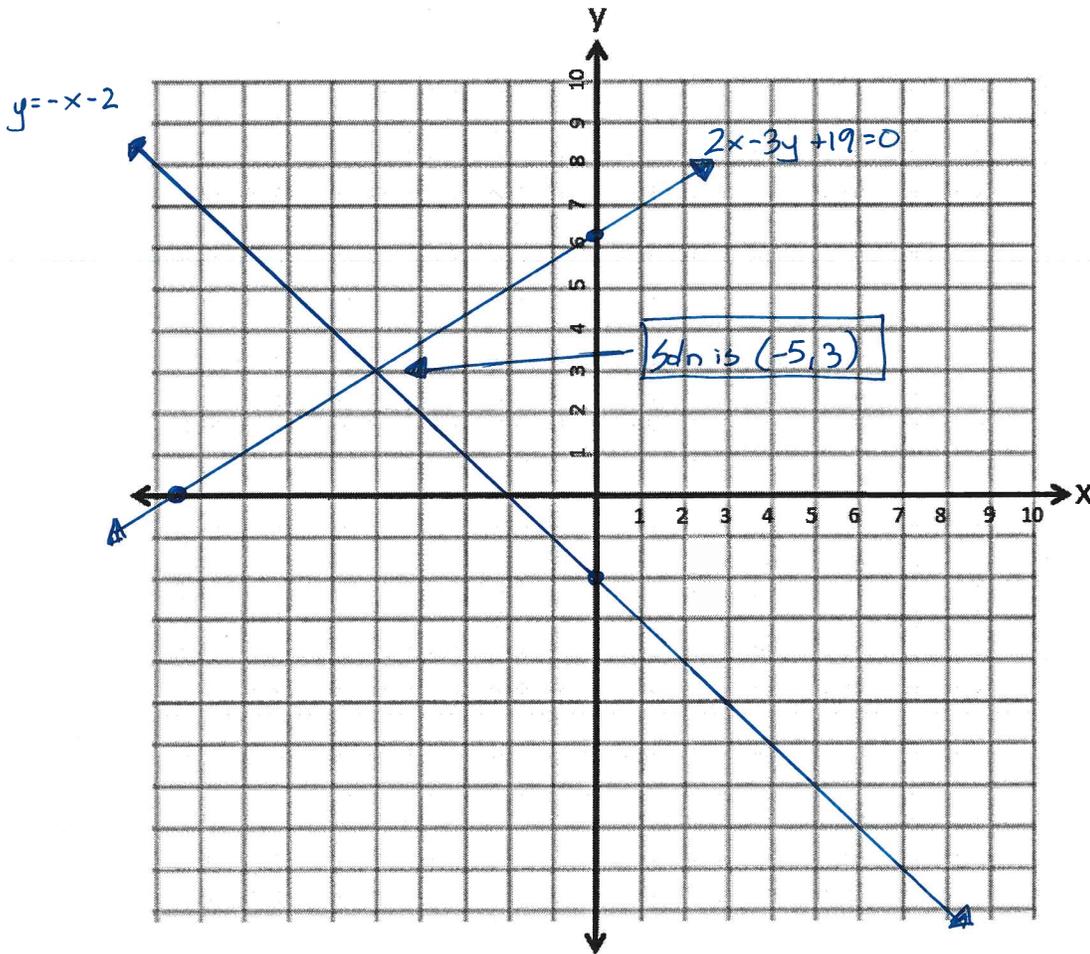


Use the following information to answer Q1-Q3:

$$2x - 3y + 19 = 0$$

$$y = -x - 2$$

Q3: Solve the system of equations using **graphing**: (3 marks)



$$2x - 3y + 19 = 0$$

x-int (set $y=0$)

$$2x + 19 = 0$$

$$\quad -19 \quad -19$$

$$2x = -19$$

$$\div 2 \quad \div 2$$

$$\boxed{x = -9.5}$$

y-int (set $x=0$)

$$-3y + 19 = 0$$

$$\quad -19 \quad -19$$

$$-3y = -19$$

$$\div (-3) \quad \div (-3)$$

$$\boxed{y = 6.3}$$

MARKING:

Beginning	0.0 – 4.0
Progressing	4.5 – 6.5
Competent	7.0 – 8.5
Exemplary	9.0