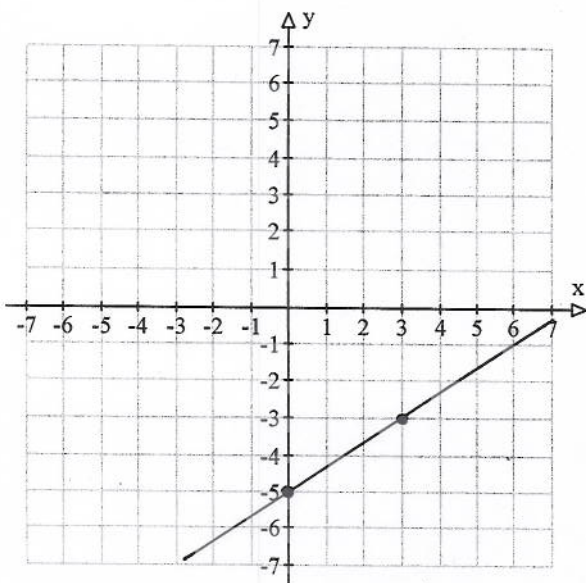


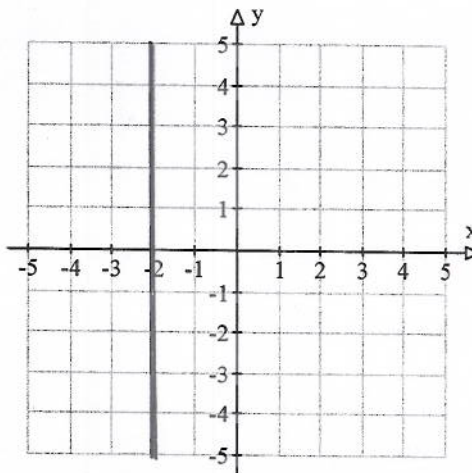
1. Bring in slope-intercept form, then graph:

$$\begin{aligned}
 2x - 3y &= 15 \\
 -2x \quad -2x & \\
 \hline
 -3y &= -2x + 15 \\
 -3 \quad -3 & \\
 \hline
 y &= \frac{2}{3}x - 5
 \end{aligned}$$



2. Graph the line

$$x = -2$$



3. Calculate the equation of the line with a slope of $-\frac{1}{3}$ that passes through the point $(-9, -2)$.

Set up the equation in point-slope form, then convert to slope-intercept form.

$$\begin{aligned}
 y - y_1 &= m(x - x_1) \\
 y - (-2) &= -\frac{1}{3}(x - (-9)) \\
 y + 2 &= -\frac{1}{3}(x + 9) \\
 y + 2 &= -\frac{1}{3}x - 3 \\
 -2 \quad -2 & \\
 \hline
 y &= -\frac{1}{3}x - 5
 \end{aligned}$$