

To find the equation of the line through the point $A(2, -1)$ perpendicular to the line $5x - 2y + 6 = 0$.

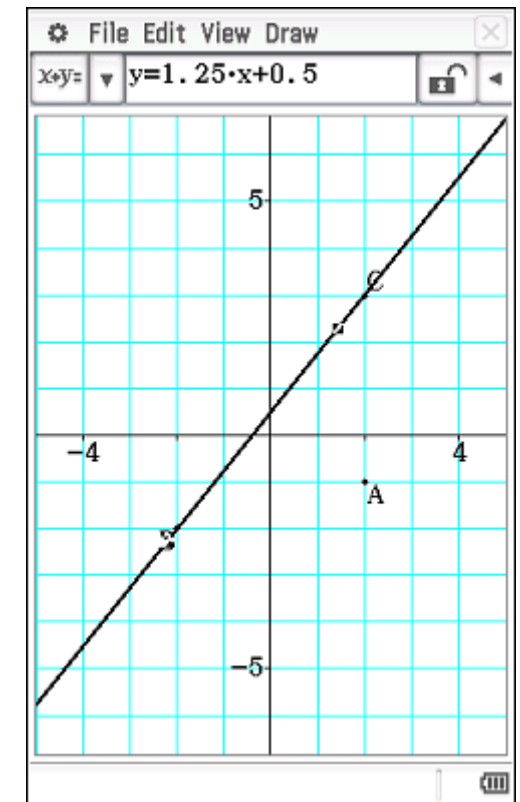
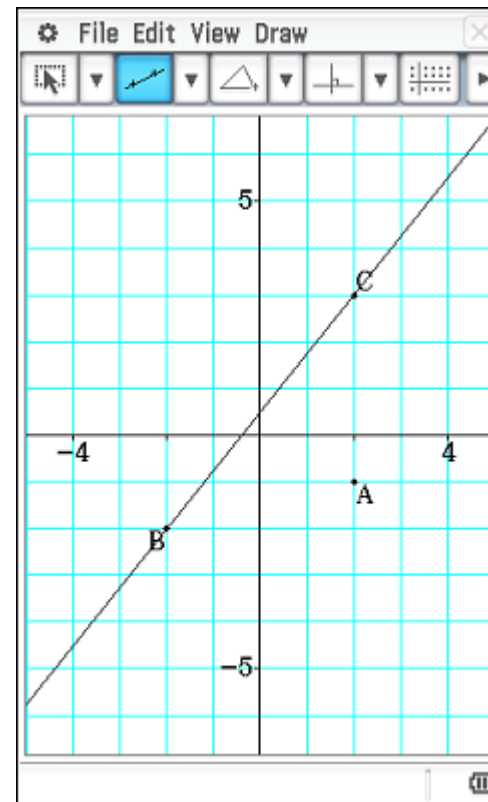
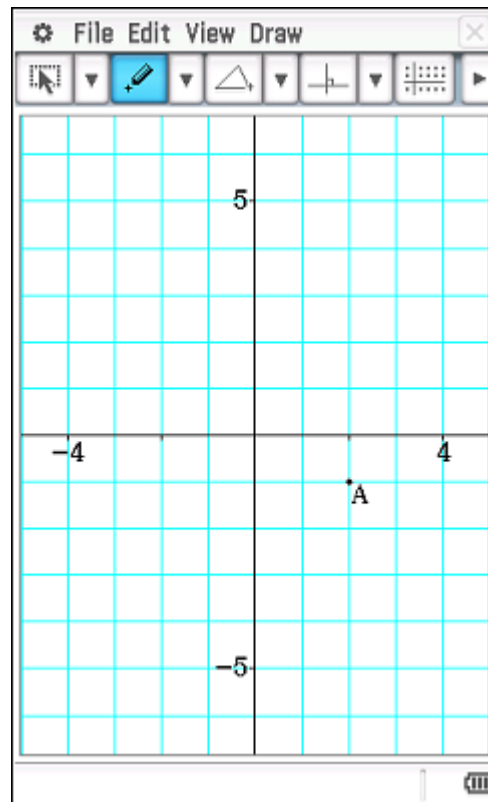
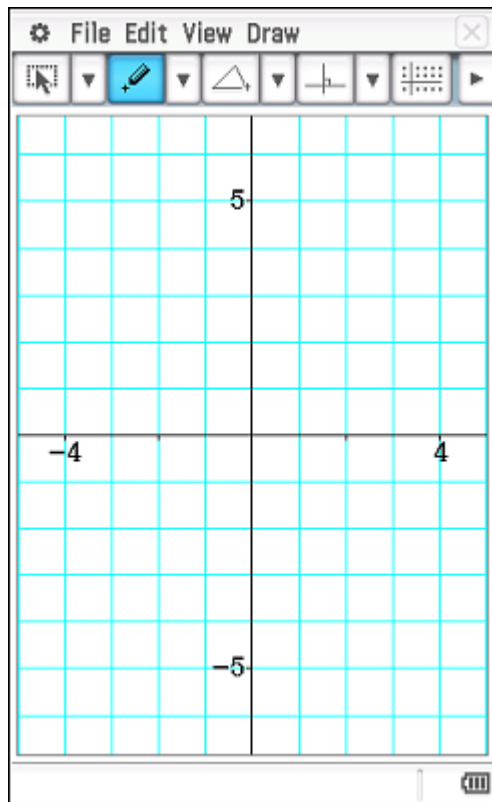
Start a new Geometry file and toggle on the axes and background grid.

Select the point tool and plot the point A at $(2, -1)$.

Select the infinite line tool and tap twice anywhere on the screen to draw an infinite line.

Move to the measurement toolbar.

Select the line BC , to display its current equation.



Enter the required equation and tap EXE.

Select the line BC and the point A.

Note that the equation is displayed in explicit form $y=2.5x+3$.

Tap Draw, Construct, Perpendicular.

Select BC and read off the required equation.

