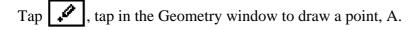
Classpad Help Series sponsored by Casio Education Australia		www.casioed.net.au	
756	Coordinate Geometry: Perpendicular Line	Author	Romaine Saunders
		Date	24 June 2008
		CPM OS	03.03.3000

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





Tap File, tap New, tap OK.

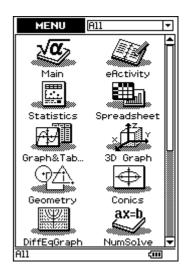


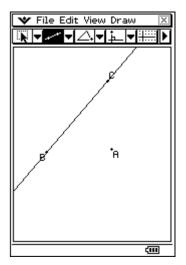
Tap , tap twice in the Geometry window to draw a line, BC.

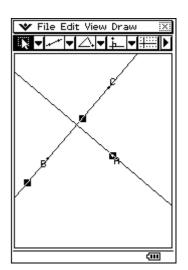




Tap in space.







Tap .

Tap point A.

Tap in the measurement box and then type [2,-1]. Tap or press

**EXE**). The coordinates of A are now (2,-1).

Tap in space.

Tap the line BC.

Tap in the measurement box and then type 5x-2y+6=0. Tap  $\boxed{\square}$  or

press **EXE**. The equation of the line is now 5x - 2y + 6 = 0. This will appear as y = 2.5x + 3.

Tap in space.

Tap the line passing through A(2,-1) to view its equation in the measurement box.

