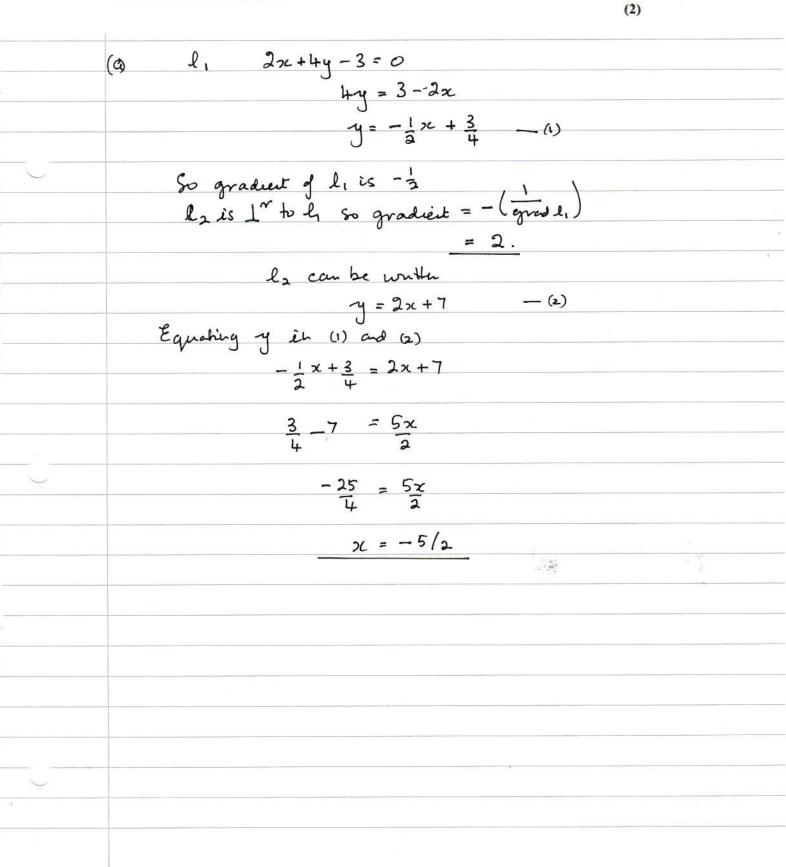
- The line I<sub>1</sub> has equation 2x + 4y 3 = 0 The line I<sub>2</sub> has equation y = mx + 7, where m is a constant. Given that I<sub>1</sub> and I<sub>2</sub> are perpendicular,
  (a) find the value of m.
  - The lines  $I_1$  and  $I_2$  meet at the point P.
  - (b) Find the x coordinate of P.

S.



(2)

2019