

QUESTION 2.5

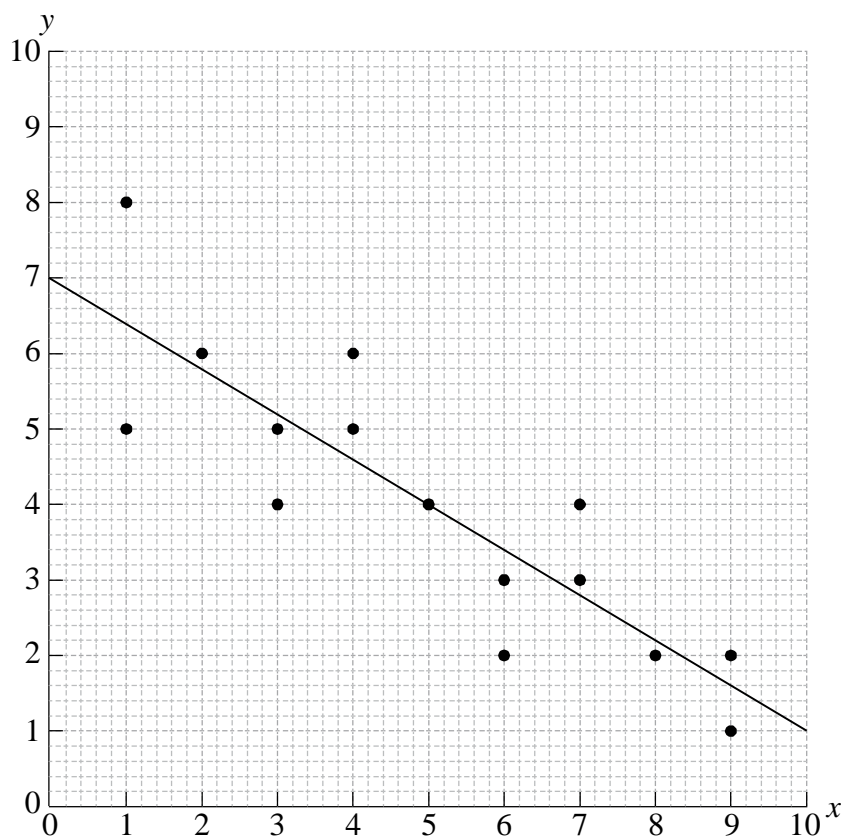
(a) $a = 8, b = 5$

(A1)(A1)

(C2)

Note: Award (A0)(A1)(ft) if $a = 5, b = 8$.

(b)



(A1)(A1)

(C2)

Note: Award (A1) for straight line passing through (5, 4), (A1) for y-intercept between 6.8 and 8, if necessary with the line extended.

(c) $3.1 (\pm 0.3)$

(M1)(A1)(ft)

(C2)

Note: Award (M1) for an indication of use of their line of best fit (dotted lines or some indication of mark in the correct place on graph). Accept $y = 3.1 \pm 0.3$.

[6 marks]