7. Based on 10 bivariate observations of the variables x and y, the following summary statistics were calculated.

	x	y
Mean	10.45	11.36
Standard deviation	9.3	9.0

The least squares regression line of x **on** y has gradient 0.8

(a) Find the exact value of $\sum xy$

(4)

(b) Find the equation of the least squares regression line of y **on** x, giving your answer in the form $y = a + bx$

(4)

(Total for Question 7 is 8 marks)

TOTAL FOR PAPER IS 75 MARKS