

1. A company is introducing a job evaluation scheme. Points (x) will be awarded to each job based on the qualifications and skills needed and the level of responsibility. Pay (£ y) will then be allocated to each job according to the number of points awarded.

Before the scheme is introduced, a random sample of 8 employees was taken and the linear regression equation of pay on points was $y = 4.5x - 47$

- (a) Describe the correlation between points and pay. (1)
- (b) Give an interpretation of the gradient of this regression line. (1)
- (c) Explain why this model might not be appropriate for all jobs in the company. (1)