(a) *(2 marks)* Consider the scatterplot below of y versus $\log x$:
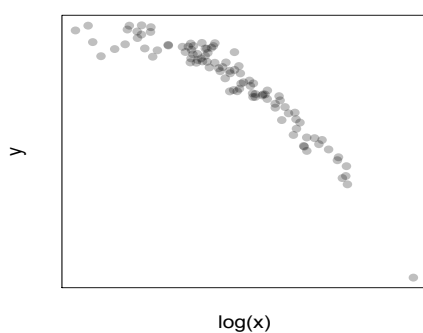

Which of the following transformations might straighten this scatterplot?
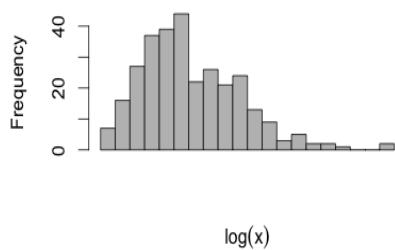
Circle those that **do apply**.

Cross out those that **do not**.

(i) $log(y)$ vs $log(x)$ (ii) y^2 vs $log(x)$

(iii) $log(y)$ vs x^2 (iv) y vs $\sqrt{x}$

(b) *(2 marks)* Consider the histogram below of $\log x$:

Which of the following transformations might make this histogram more symmetric?

Circle those that **do apply**.

Cross out those that **do not**.

(i) $\sqrt{x}$ (ii) $-\frac{1}{x}$

(iii) x^2 (iv) x