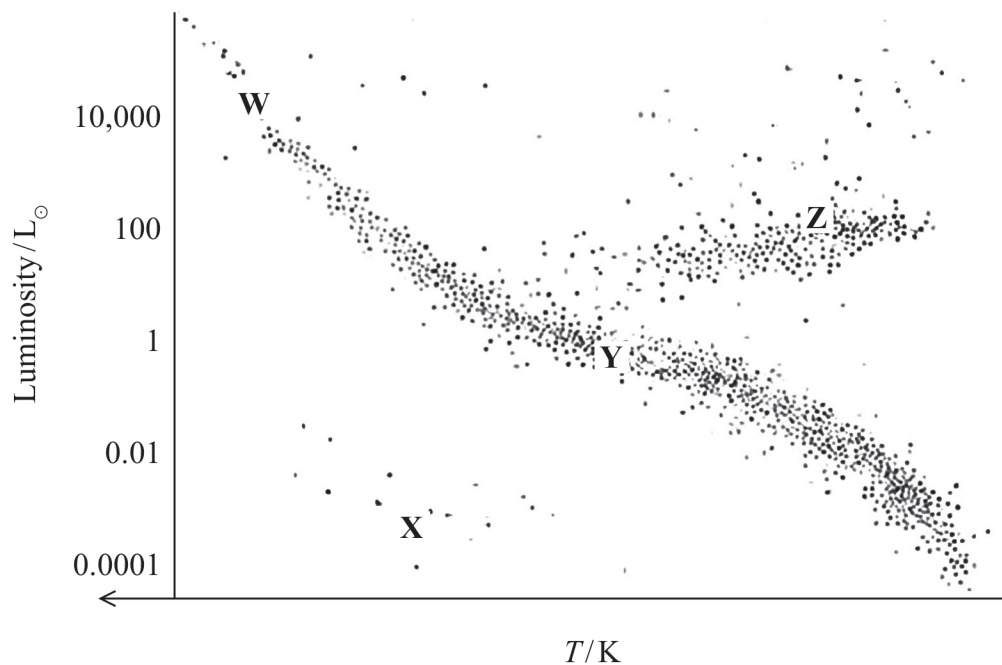


Questions 8 and 9 relate to the Hertzsprung–Russell diagram shown below.

The letters W, X, Y and Z represent stars at these positions on the diagram.



8 Which of the following is part of a possible evolutionary path of a star?

- ☒ A  $W \rightarrow Y$
- ☒ B  $X \rightarrow Y$
- ☒ C  $Y \rightarrow W$
- ☒ D  $Y \rightarrow Z$

(Total for Question 8 = 1 mark)