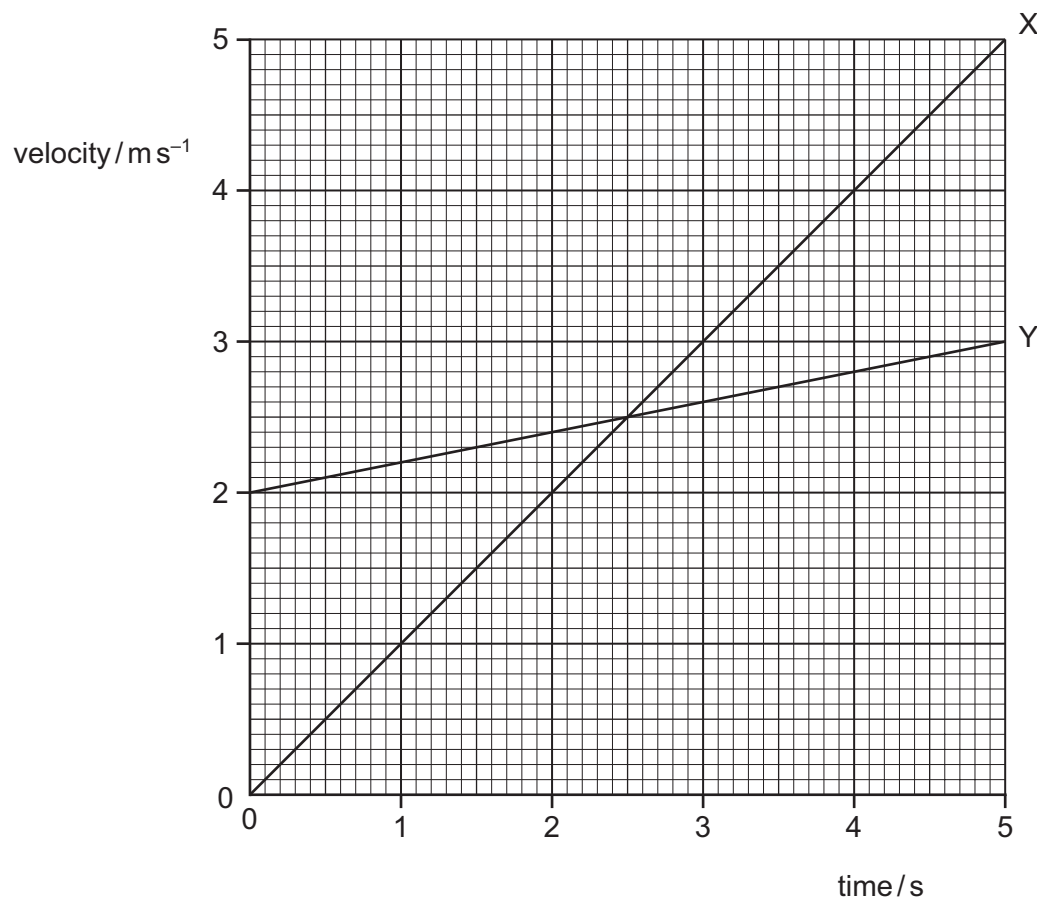


- 8 The graph shows velocity-time plots for two vehicles X and Y. The accelerations and distances travelled by the two vehicles can be estimated from these plots.



Which statement is correct?

- A** The accelerations of X and Y are the same at 2.5 s.
- B** The initial acceleration of Y is greater than that of X.
- C** The distance travelled by X is greater than that travelled by Y in the 5 s period.
- D** The distances travelled by X and Y in the 5 s period are the same.