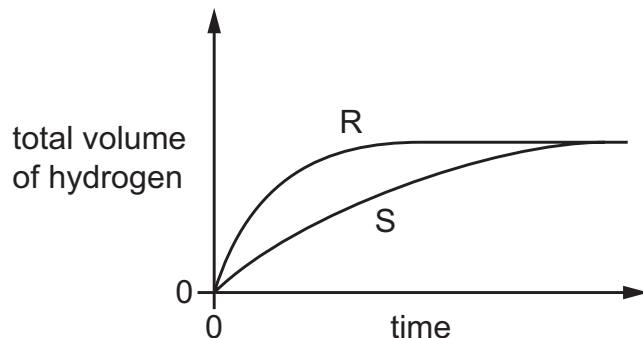


24 Dilute acid R and dilute acid S have the same concentration.

The same volume of each dilute acid is reacted separately with the same mass of magnesium ribbon. Both reactions are carried out at room temperature and pressure.

The volume of hydrogen produced is measured.

A graph of the results is shown.



Which statement about the reactions is correct?

- A** Acid S reacts faster than acid R.
- B** The final volume of hydrogen produced in each reaction is different.
- C** Acid R is a stronger acid than acid S.
- D** Acid S is a stronger acid than acid R.