IGCSE Chemistry: **w25 23**

2 Which gas diffuses most quickly at room temperature and pressure?

A CH_4 **B** C_2H_6 **C** CO **D** SO_2

IGCSE Chemistry: **m25 22**

3 Samples of four gases are released in a room at the same time.

The gases are carbon dioxide, CO_2, hydrogen chloride, HCl, hydrogen sulfide, H_2S, and nitrogen dioxide, NO_2.

Which gas diffuses fastest?

A carbon dioxide

B hydrogen chloride

C hydrogen sulfide

D nitrogen dioxide