

24 When dry ammonia and hydrogen chloride gases are mixed, a solid white ionic compound is formed.

Two statements are listed.

- 1 The formation of the ionic compound is a redox reaction.
- 2 During the formation of the ionic compound, the H–N–H bond angle increases.

Which statements are correct?

- A** both 1 and 2
- B** 1 only
- C** 2 only
- D** neither 1 nor 2