

- (a) Write down a word equation for the chemical reaction which occurs in the kiln.

calcium carbonate \longrightarrow

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(2)

- (b) When water is added to lime, it expands and gets extremely hot. What can you tell from this?

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(2)

- (c) Farmers add lime to their fields. Explain why they do this.

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(3)

- (d) Apart from making lime, what other use can be made of limestone?

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(1)