



Name: Form:

See pages 22 and 23 of *Dissolving*

Dissolving rocks

Limestone rock dissolves in rainwater. It causes spectacular caves, hard water and 'furred-up' kettles.

Q1. How long does it take caves to form in limestone rock?

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Q2. How can you use soap to see if water is hard? What happens if water is hard?

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Q3. In the box above, draw a cave with stalagmites and stalactites in it. Label each one.

Q4. What are stalagmites and stalactites made from?

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Q5. Why does limestone come out of a limestone solution when you heat it?

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Q6. What is the device which takes limestone out of hard water called?

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