

# Removing rust

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**This task is about acid reactions.**

- a) Petra wanted to test how an acidic solution cleans rusty nails.  
First she had to be sure the solution she was using was acidic.  
What could she do to test if a solution is acidic or not?

- b) She weighed several rusty nails and put them into an acid. She left them overnight, removed them from the acid, and then re-weighed the nails.

How would the mass of each nail have changed?

Explain your answer.

- c) Petra described the reaction as a **neutralisation** reaction. What does this mean?

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