1. Here are some reactions that take place in the home. Put them in order of decreasing rate (the fastest one first).
2. raw egg changing to hard-boiled egg
3. fruit going rotten
4. cooking gas burning
5. bread baking
6. a metal tin rusting
7. Which of these rates of travel is slowest?  
   5 kilometres per second  
   20 kilometres per minute  
   60 kilometres per hour
8. Suppose you had to measure the rate at which zinc is used up in the reaction above. Which of these units would be suitable? Explain your choice.
9. litres per minute
10. grams per minute
11. centimetres per minute
12. Iron reacts with sulfuric acid like this:

**Fe(s) + H2SO4(aq) 🡒 FeSO4(aq) + H2(g)**

1. Write a word equation for this reaction.
2. Write down four different ways in which the rate of the reaction could be measured.