# 1 - Development of practical skills

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| **How should you read from a burette?** | Reading from the bottom of the meniscus at eye-level against a constant background. |
| **How should burette measurements be recorded?** | * Should be recorded to 2 d.p * Should end in 0 or 5   *This does not include the mean titre which doesn't have to end in 5 or 0.* |
| **What should be done near endpoint of a titration?** | Add the solution dropwise. |
| **How should you perform mean titres?** | 1. Repeat titrations until there are two concordant titres (within 0.10 cm3) 2. Take an average of the concordant titres 3. Round to 2 d.p. (if required) |
| **By what 4 ways can you heat reactions?** | 1. Water bath 2. Electric heater 3. Sand bath 4. Bunsen burner |
| **By what 2 ways can you purify products?** | 1. Solids by recrystallisation 2. Liquids by separating funnel or distillation |
| **What are the 2 types of errors?** | 1. Random (eliminated by repeating) 2. Systematic |
| **Give 3 examples of readings and 3 examples of measurements** |  |