1 - Development of practical skills

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?	 Repeat titrations until there are two concordant titres (within 0.10 cm³) Take an average of the concordant titres Round to 2 d.p. (if required) 	
By what 4 ways can you heat reactions?	 Water bath Electric heater Sand bath Bunsen burner 	
By what 2 ways can you purify products?	 Solids by recrystallisation Liquids by separating funnel or distillation 	
What are the 2 types of errors?	 Random (eliminated by repeating) Systematic 	
Give 3 examples of readings and 3 examples of measurements	Reading (one judgement only) thermometer pH meter top pan balance measuring cylinder volumetric flask	Measurement (two judgements required) ruler stopwatch analogue meter burette