



GENERAL CONCEPTS NOTEBOOK — Day 5

(Memory + Logic + Problem-Solving Rules)

1. How to Approach Any Problem (Physics/Chem/Math)

1. Identify known/unknown
 2. Translate words → equation
 3. Apply correct formula
 4. Check units
 5. Sanity check (Is answer too large/small?)
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2. Mistakes to Avoid (Today's topics)

- ✓ Mixing **mass with moles** in chemistry
 - ✓ Forgetting to convert minutes ↔ seconds in physics
 - ✓ Wrong sign in relative velocity
 - ✓ Not factorising fully in inequalities
 - ✓ Forgetting domain/range conditions
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3. Mini-Memory Boost Methods

- 10-min quick revision rule
- Write formula once in your own style
- Use small 1-line summaries
- Practice 5 similar problems back-to-back