

JEE Strategy & Analytics

How to Analyse Your Equilibrium Mock Test

The Ultimate Diagnostic Framework for JEE

! JEE Trap

Only checking marks and moving on.



Score: 45/100

✓ Rank Accelerator

Analysing why marks were lost to plug concept leaks.

CONCEPT LEAK:
Stoichiometry
TEST: 10B
DATA: 45, 15
ERR: Calc Error
FIX: Review Formula

ERR: Calc Error
TEST: 35
DATA: 45, 55
ERR: Calc Error
FIX: Review Formula



CONCEPT LEAK:
Stoichiometry
ERR: Calc Error
FIX: Review Formula
FIX: Correct answers

Performance Breakdown: The Macro View



Accuracy (%)

68%

Time Spent

42m 15s

Ideal: 60m



Concept Errors



4

Calculation Errors



2



**You've Learned the Theory.
Let's Test Them Now.**

$$E=mc^2$$



Turn theory into marks with **unlimited MCQs, smart analysis, and focused revision.**

Practice Now



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Key Highlights

- » Free Study Material, Videos & Infographics
- » Push Your Limits with Level-Based Challenges
- » Climb the Leaderboard Among Fellow Aspirants
- » Practice Unlimited MCQs for NEET & JEE
- » Get Clear Explanations, Not Just Marks
- » Track Your Performance Smarter



Error Classification Triage

● Concept Mistake

Fundamental misunderstanding.

Believing dynamic equilibrium means **equal concentrations** of reactants and products, rather than **equal rates** of forward and reverse reactions.

● Formula Mistake

Memorization or application error.

Forgetting the Δn term (change in gaseous moles) when converting equilibrium constants using the formula:

$$K_p = K_c(RT)^{\Delta n}$$

● Calculation Mistake

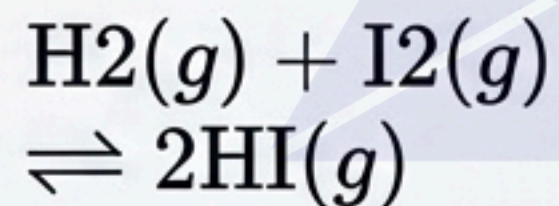
Math errors despite correct logic.

Making an algebra error when solving the quadratic equation for x in an ICE (Initial, Change, Equilibrium) concentration table.

Concept Weakness Mapping

Wrong Question

Failed to predict
effect of adding
H₂ to



Topic

Le Chatelier's
Principle
(Concentration
Change)

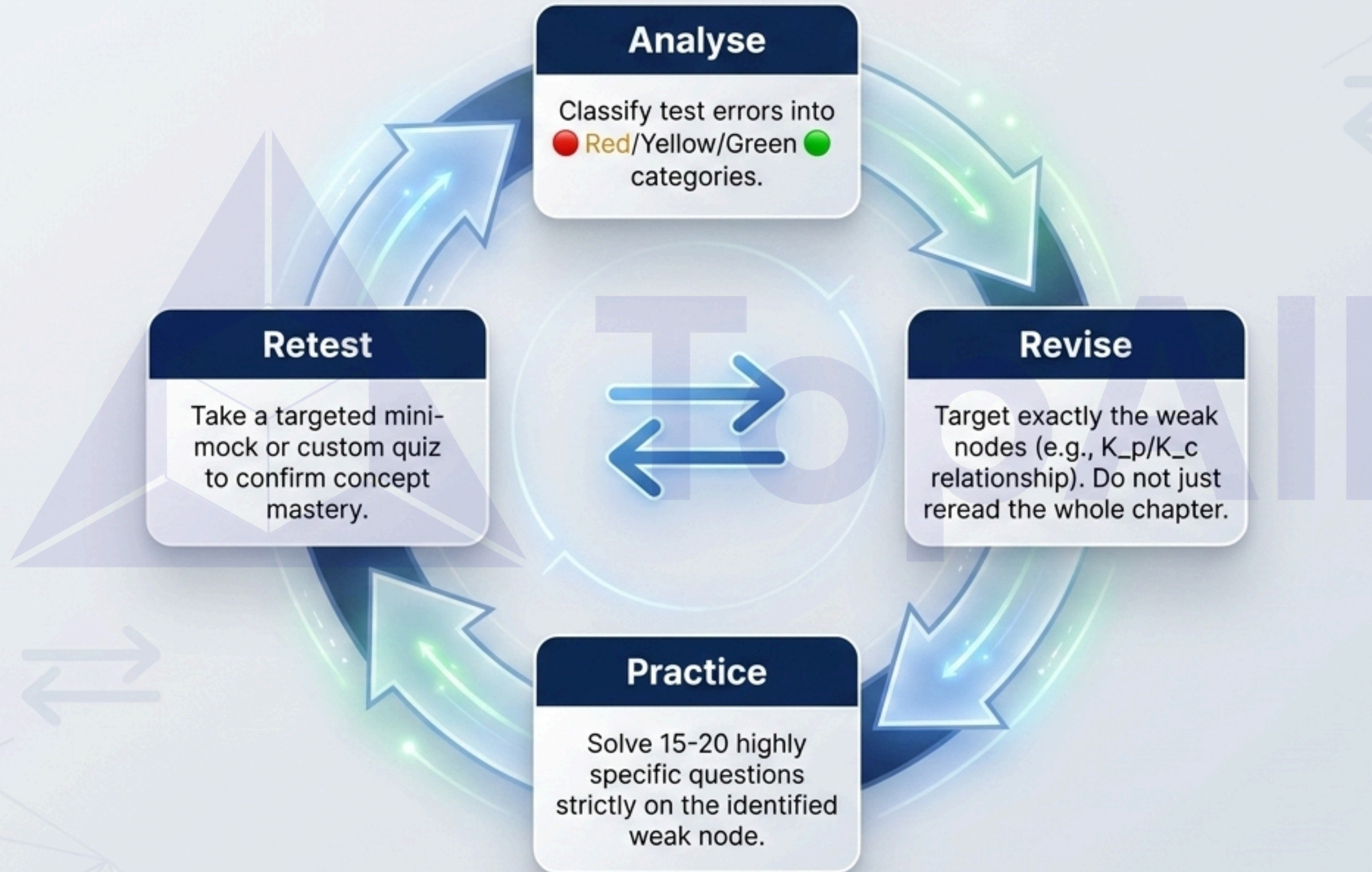
Concept Gap

Did not realize
the system
shifts forward
to consume the
added reactant.

Remedy

Re-read NCERT
Section 6.8 &
practice 5
similar shift
direction
questions.

The Continuous Improvement Plan



**Every
Mistake**



**Future
Marks
Saved**

Your diagnostic cycle is complete. Time to execute.



You've Learned the Theory.

Now Let's Test It.

Reading notes gets you knowledge.

Practicing MCQs gets you marks.

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AI Recommendation Analysis your Tests and tell you where you need to improve.



Practice the moment you finish studying
Jump in while the concept is still fresh in your head

4.5L+
MCQs

1.5L+
Students

AI Powered
In-Depth Analysis