

# How to use Ezra (Online)

Review and practice any topic at home using Ezra. Ezra generated exams are accessible through the Proed website for students generate practice exams of varying difficulties

1

Login and navigate to the EZRA tab on the website

2

Select year group and subject

3

Select difficulty and desired topics

4

Questions based on your selections will be generated

**Proficiency Education**

**Generate Exam**

Remaining Credits: 1 End Date: 22/12/2024 Last day of (2024 Term 4)

1. Select Topics

Year 11 Chemistry

Topics:  
Up to four Topics can be selected

- Naming compounds and balancing chemical equations
- Basic structure of stable and unstable isotopes
- Using separation techniques based on physical properties
- Calculating percentage composition and relative atomic mass from isotopic composition
- Bohr model VS Schrödinger model
- Trends in the physical and chemical properties of elements in periods
- Differences between ionic and covalent compounds (Lewis diagrams, VSEPR, happiness method)
- Chemical structures of atoms
- Nature of intermolecular and intramolecular bonds
- Concept of the mole and Avogadro's constant
- Molarity and dilution
- Analytical chemistry (systematic error, random error, accuracy, reliability and validity)
- Solving problems using the ideal gas law (Gay-Lussac, Boyle, Charles and Avogadro no limiting reagents)
- Solving various chemical reactions with limiting reagents
- Solubility rules
- Reactivity of metals in water, dilute acids, oxygen and other metal ions in solutions

2. Confirm Selected Topics

Up to four Topics can be selected.

- Naming compounds and balancing chemical equations
- Bohr model VS Schrödinger model
- Solving problems using the ideal gas law (Gay-Lussac, Boyle, Charles and Avogadro no limiting reagents)
- Solubility rules

3. Select Difficulty

Difficulty:  all  easy  hard

**Generate**

Click to generate

# Create Exams

Click the link to view the generated Exam

Difficulty:  all  easy

Generate

[View Generated Exam](#)

# Solutions

Type in question code to get solutions

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- √ EZRA Solution
- √ EZRA Saved Questions
- √ EZRA History
- Statement
- Payment Record
- Submission History
- Courses
- Archive Courses
- Video Makeup
- Homework Hints
- School Assessments
- IGLOO Revision Sessions

Enter Question Code from your Exam PDF to display solution.

Question Code

6AHPH

Save this

(i) 
$$\frac{4x - 9x}{6} = -\frac{5x}{6}$$

(ii) 
$$\frac{2(2x-1) + 1 - 4x}{8} = \frac{4x - 2 + 1 - 4x}{8} = -\frac{1}{8}$$

(iii) 
$$\frac{x + 1 - x}{x} = \frac{1}{x}$$

# Saved Questions

View saved questions

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## EZRA Saved Questions

Loot Box Angela Zhen

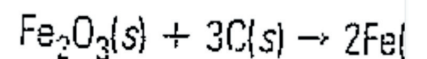
Year 11 Chemistry Show filter

VNF05 Unsave

Show solutions

Question:

10 The equation for reducing iron(III) oxide with heated carbon is



The mass of carbon needed to produce 100 g iron is:

a 311 g

c 21.4 g

b 14.3 g

d 32.2 g

VGKQF Unsave

Show solutions

Question:

