

Interest and Depreciation — Exam Practice

Use this worksheet after reading the lesson to practise the key ideas and prove you can meet the success criteria.

Name _____

Date _____

Class _____

1. Key Ideas

Integrate simple interest, compound interest and depreciation in HSC-style multi-part problems — including loan comparisons, investment decisions and mixed extended response questions.

- Key facts and terms for Interest and Depreciation — Exam Practice
- How the main ideas in Interest and Depreciation — Exam Practice connect

2. Success Criteria

By the end, you should be able to:

- Key facts and terms for Interest and Depreciation — Exam Practice
- Where this lesson fits in Module 3
- How the main ideas in Interest and Depreciation — Exam Practice connect

3. Key Terms

Simple Interest

Interest calculated only on the principal: $I = P \times r \times n$.

Compound Interest

Interest on principal plus accumulated interest: $A = P(1 + r)^n$.

Depreciation

The decrease in value of an asset over time.

Straight-Line

Constant dollar amount of depreciation deducted each year.

Declining Balance

Constant percentage of the current value deducted each year.

4. Activity: Build the Lesson Map

Use the lesson to complete the table. Keep answers brief but specific.

Prompt	Your answer
Main concept	
Important example	
Common mistake to avoid	
How this links to the next lesson	

5. Short Answer Questions

1. Explain this lesson goal in your own words: "Key facts and terms for Interest and Depreciation — Exam Practice". Use one specific example from the lesson.

BAND 3

2 MARKS

2. Apply this idea to a new example: "Where this lesson fits in Module 3". Show your reasoning clearly.

BAND 4

3 MARKS

3. Analyse why this idea matters for understanding Interest and Depreciation — Exam Practice: "How the main ideas in Interest and Depreciation — Exam Practice connect".

BAND 5

4 MARKS

6. Extend: Apply the Idea

BAND 5/6

5 MARKS

A student gives a memorised answer about Interest and Depreciation — Exam Practice but does not use evidence or reasoning.

Improve the answer by writing a stronger response that uses accurate terminology, a relevant example and a clear explanation.

7. Multiple Choice

1. What is the best first step when answering a question about Interest and Depreciation — Exam Practice?

- A. Identify the key concept being tested
- B. Write every fact from memory
- C. Ignore the command word
- D. Skip examples and evidence

2. Which answer would show stronger understanding of Interest and Depreciation — Exam Practice?

- A. An answer with accurate terms and reasoning
- B. A copied definition only
- C. A single-word response
- D. An answer with no example

3. What should you do if a question asks you to explain?

- A. Link the idea to a reason or cause
- B. List unrelated facts
- C. Only draw a diagram
- D. Write the shortest possible answer

8. Success Criteria Proof

Finish with evidence that you can do each success criterion.

SUCCESS CRITERION 1

Prove that you can: Key facts and terms for Interest and Depreciation — Exam Practice

BAND 3

2 MARKS

SUCCESS CRITERION 2

Prove that you can: Where this lesson fits in Module 3

BAND 4

3 MARKS

SUCCESS CRITERION 3

Prove that you can: How the main ideas in Interest and Depreciation — Exam Practice connect

BAND 5

4 MARKS

One thing I still need help with:
