

# NOVA HUNTING THE ELEMENTS QUESTIONS AND ANSWERS Handbook

## nova hunting the elements questions and answers

In the realm of science education and competitive exams, understanding the periodic table and the properties of elements is crucial. One of the popular topics students encounter is "Nova Hunting the Elements," which involves questions about the elements, their symbols, atomic numbers, properties, and other related concepts. These questions are frequently asked in various competitive exams, quizzes, and science competitions, making it important for students to prepare thoroughly.

This article provides a comprehensive guide to "Nova Hunting the Elements Questions and Answers," covering essential concepts, common questions, and detailed explanations to help students ace their exams and deepen their understanding of the periodic table.

## Understanding the Basics of Elements and the Periodic Table

Before diving into specific questions, it's important to grasp fundamental concepts related to elements and the periodic table.

### What is an Element?

An element is a pure chemical substance consisting of atoms with the same number of protons in their atomic nuclei. Elements are the building blocks of matter, and each element has unique properties.

### What is the Periodic Table?

The periodic table is a tabular arrangement of chemical elements, organized based on increasing atomic number, electron configurations, and recurring chemical properties. It groups elements into periods (rows) and groups (columns) to highlight similarities in properties.

### Key Features of the Periodic Table

- Groups: Vertical columns, numbered from 1 to 18, with elements sharing similar properties.
- Periods: Horizontal rows, numbered from 1 to 7.
- Metals, Non-metals, and Metalloids: Elements are classified based on their properties.

- Atomic Number: Number of protons in the nucleus, unique for each element.
- Atomic Mass: Average mass of an element's isotopes.

## Common Types of Questions in Nova Hunting the Elements

Questions related to elements often test knowledge on various aspects such as symbols, atomic numbers, properties, and periodic trends. Common question types include:

### 1. Element Identification and Symbols

- What is the symbol for Hydrogen?
- Which element has the atomic number 6?
- Name the element with the symbol 'Fe'.

### 2. Atomic Number and Mass

- What is the atomic number of Oxygen?
- Which element has the highest atomic number among the noble gases?
- Find the element with an atomic mass of approximately 23.

### 3. Properties and Classification

- Is Sodium a metal or non-metal?
- Which element is a noble gas?
- Name the halogens found in the periodic table.

### 4. Periodic Trends and Groupings

- Which element is the most reactive metal?
- In which group are alkali metals found?
- How does atomic size change across a period?

### 5. Element Uses and Occurrences

- Mention one use of Helium.
- Which element is commonly used in the production of fertilizers?

- Name an element that is a major component of Earth's crust.

## Sample Questions and Detailed Answers

To facilitate better understanding, here are some commonly asked questions along with their detailed answers.

### Question 1: What is the atomic number of Carbon?

Answer: The atomic number of Carbon is 6. It indicates that each carbon atom contains six protons in its nucleus. Carbon is fundamental to organic chemistry and life on Earth.

### Question 2: Which element has the symbol 'Na'?

Answer: The symbol 'Na' stands for Sodium. It has an atomic number of 11 and is an alkali metal known for its high reactivity and occurrence in compounds like table salt (NaCl).

### Question 3: Name the noble gases present in the periodic table.

Answer: The noble gases include Helium (He), Neon (Ne), Argon (Ar), Krypton (Kr), Xenon (Xe), and Radon (Rn). These gases are inert and have full outer electron shells.

### Question 4: Which element is used in the manufacture of glass and why?

Answer: Silicon, mainly in the form of silica ( $\text{SiO}_2$ ), is used in the manufacture of glass because of its high melting point and transparency. It forms the primary component of most glass types.

### Question 5: How does atomic radius change across a period and why?

Answer: The atomic radius decreases across a period from left to right. This occurs because additional protons increase the positive charge in the nucleus, pulling electrons closer and reducing the size of the atom.

## Popular Periodic Table Trends and Their Questions

Understanding periodic trends is essential for answering many element-related questions.

### 1. Atomic Radius

- Question: Why does the atomic radius decrease across a period?

- Answer: Because increased nuclear charge pulls electrons closer to the nucleus, decreasing atomic size.

## 2. Electronegativity

- Question: Which element has the highest electronegativity?
- Answer: Fluorine (F) has the highest electronegativity, making it highly reactive and eager to attract electrons.

## 3. Ionization Energy

- Question: What is ionization energy?
- Answer: The energy required to remove the outermost electron from a neutral atom in its gaseous state. Higher ionization energy indicates a more stable electron configuration.

## Tips for Preparing Nova Hunting the Elements Questions

To excel in answering questions about elements, students should follow these tips:

- Memorize the Periodic Table: Know the symbols, atomic numbers, and properties of common elements.
- Understand Trends: Grasp periodic trends such as atomic size, electronegativity, and ionization energy.
- Practice Questions: Solve previous years' question papers and quizzes for familiarity.
- Use Mnemonics: Create memory aids to remember element symbols and groupings.
- Stay Updated: Learn about recent discoveries and uses of elements for advanced questions.

## Conclusion

"Nova Hunting the Elements Questions and Answers" is a vital topic for students aspiring to excel in chemistry and related competitive exams. By understanding fundamental concepts, familiarizing oneself with the periodic table, and practicing a variety of questions, students can improve their confidence and accuracy in answering element-related questions.

Remember, mastery over the periodic table not only helps in exams but also builds a strong foundation for advanced studies in chemistry and science in general. Keep practicing, stay curious, and unlock the secrets of the elements!

## Nova Hunting the Elements Questions and Answers: A Comprehensive Guide

Understanding the periodic table and the elements it contains is fundamental for students and enthusiasts of chemistry. "Nova Hunting the Elements" is a popular educational resource designed to help learners grasp the complexities of the elements through engaging questions and detailed answers. This guide aims to provide an in-depth review of these questions and answers, exploring their structure, content, and how they can be effectively used for learning.

### Introduction to "Nova Hunting the Elements"

"Nova Hunting the Elements" is a series of educational materials—often presented as quizzes, worksheets, or interactive lessons—that focus on the fundamental concepts related to the elements of the periodic table. These resources are tailored to reinforce knowledge about element properties, atomic structure, periodic trends, and real-world applications.

The core aim is to make learning about elements engaging, memorable, and accessible for students at various levels, from middle school to college.

### Structure of the Questions and Answers

The questions in "Nova Hunting the Elements" are typically designed to cover a broad spectrum of topics, including:

- Basic properties of elements
- Atomic structure and electron configurations
- Periodic trends (such as electronegativity, atomic radius, ionization energy)
- Element groups and their characteristics
- Special categories like transition metals, noble gases, lanthanides, and actinides
- Applications of elements in everyday life and industry

Answers are carefully crafted to not only provide correct information but also to explain the reasoning behind it, often including illustrative examples.

### Types of Questions Covered

The questions can be categorized into various types, each serving a specific educational purpose:

#### Multiple Choice Questions (MCQs)

- Designed to test recognition and recall
- Often include distractors to challenge understanding
- Example: "Which element has the atomic number 6?"
- a) Carbon
- b) Oxygen
- c) Nitrogen
- d) Helium

## Short Answer Questions

- Require concise explanations or definitions
- Example: "Define atomic number."

## Fill in the Blanks

- Focus on key terminology
- Example: "The noble gases are located in Group \_\_\_\_ of the periodic table."

## Matching Questions

- Connect elements with their properties or uses
- Example: Match the element to its common application:

1) Aluminum

2) Helium

3) Iron

- a) Balloons
- b) Construction
- c) Manufacturing of cans

## Diagram-Based Questions

- Involve electron configurations, periodic table placement, or atomic models

- Example: Draw the electron configuration of oxygen.

## Deep Dive into Key Topics Covered in the Questions and Answers

### Atomic Structure and Element Properties

Understanding atomic structure is the foundation for many questions. The answers often detail:

- The nucleus containing protons and neutrons
- Electrons in orbitals following the Aufbau principle
- Atomic number as the number of protons
- Atomic mass considering protons and neutrons
- Isotopes and their significance

For example, a question may ask:

> "Explain how isotopes of an element differ and give an example."

Answer: Isotopes are variants of the same element with the same number of protons but different numbers of neutrons. For instance, Carbon-12 and Carbon-14 are isotopes of carbon, where the numbers denote the total protons + neutrons. Isotopes have similar chemical properties but different physical properties, such as stability and atomic mass.

### Periodic Trends and Their Explanations

Questions delve into how properties change across periods and down groups:

- Atomic Radius: Decreases across a period due to increasing nuclear charge pulling electrons closer, increases down a group due to added electron shells.
- Electronegativity: Increases across a period, decreases down a group.
- Ionization Energy: The energy required to remove an electron; increases across a period and decreases down a group.
- Electron Affinity: The tendency to gain electrons; varies depending on the element's position.

Sample Question:

"Why does atomic radius increase down a group but decrease across a period?"

Sample Answer:

Atomic radius increases down a group because additional electron shells are added, making atoms larger. Conversely, across a period, the increasing positive charge of the nucleus pulls electrons closer, reducing the size.

## Element Groups and Their Characteristics

Questions often focus on the unique features of specific groups:

- Alkali Metals (Group 1): Highly reactive, soft, low melting points.
- Alkaline Earth Metals (Group 2): More stable than alkali metals, reactive but less so.
- Transition Metals (Groups 3-12): Good conductors, variable oxidation states.
- Halogens (Group 17): Very reactive, form salts.
- Noble Gases (Group 18): Inert due to full outer electron shells.

Sample Question:

"Describe the reactivity trend of halogens and explain why it occurs."

Answer:

Halogens are most reactive at the top of their group (fluorine and chlorine) because they need only one electron to complete their octet. Reactivity decreases down the group as atomic size increases, making it harder for larger atoms to attract electrons.

## Real-World Applications and Element Uses

Questions also explore how elements are used in everyday life:

- Copper in electrical wiring
- Silicon in semiconductors
- Lithium in batteries
- Helium in balloons and cooling systems
- Iron in construction and manufacturing

Sample Question:

"Why is helium preferred for use in balloons instead of hydrogen?"

Answer:

Helium is inert and non-flammable, making it safe for balloon inflation. Hydrogen, while lighter and more abundant, is highly flammable and poses explosion risks.

## Effective Strategies for Using Questions and Answers in Learning

To maximize the benefit of "Nova Hunting the Elements" questions and answers, students can adopt the following strategies:

- Active Recall: Test yourself with questions without looking at answers to reinforce memory.
- Understand Context: Read explanations thoroughly to grasp underlying principles.
- Create Summary Notes: Summarize key properties and trends for quick revision.
- Use Visual Aids: Draw periodic table diagrams, electron configurations, and trend graphs.
- Practice Regularly: Consistent practice helps solidify understanding and recall.

## Common Challenges and How to Overcome Them

While the questions are designed to be comprehensive, learners may face certain challenges:

- Memorization vs. Conceptual Understanding: Focus on understanding why properties change rather than rote memorization.
- Complex Electron Configurations: Break down configurations into manageable parts and practice regularly.
- Periodic Trends: Use visual aids and trend graphs to better visualize changes across periods and groups.
- Element Applications: Connect elements to real-world contexts to enhance memory and interest.

## Conclusion: The Value of "Nova Hunting the Elements" Q&A Resources

"Nova Hunting the Elements" questions and answers serve as an invaluable tool for mastering chemistry fundamentals. Their structured approach, covering everything from atomic theory to practical applications, provides a well-rounded educational experience. By engaging actively with these questions, learners can develop a deep understanding of the periodic table, elemental properties, and their significance in both science and everyday life.

Through consistent practice, critical thinking, and application of strategies discussed, students can confidently navigate the complexities of the elements, laying a strong foundation for advanced studies or practical scientific endeavors.

In summary, "Nova Hunting the Elements" questions and answers are more than mere study aids?they are a pathway to mastering one of the most fascinating aspects of chemistry. Embrace them as a core part of your learning journey, and unlock the secrets of the periodic table!

**QuestionAnswer** What is the main goal of Nova hunting in the context of the Elements questions? The main goal of Nova hunting is to identify and study nova explosions to understand how they contribute to the creation and distribution of elements in the universe. Which elements are primarily produced during a nova explosion? Nova explosions primarily produce elements like carbon, nitrogen, oxygen, and some heavier elements such as neon and magnesium through nuclear fusion processes. How can students use Nova hunting to learn about the periodic table? Students can relate nova nucleosynthesis to the formation of specific elements on the periodic table, gaining insight into stellar processes that create different elements. What tools or resources are essential for Nova hunting activities? Key tools include telescopes, spectroscopes, star charts, and access to astrophysical databases or simulation software to analyze nova spectra and identify element signatures. Why is studying novae important for understanding the origin of elements on Earth? Studying novae helps scientists understand how certain elements are formed in space and dispersed into the galaxy, eventually becoming part of planets like Earth. What are some recent discoveries related to elements resulting from nova explosions? Recent discoveries include the detection of specific isotopes like lithium and other heavier elements in nova remnants, shedding light on their role in cosmic element synthesis. How does Nova hunting enhance our knowledge of stellar evolution and element formation? Nova hunting provides observational data that helps refine models of stellar evolution, nuclear fusion processes, and the synthesis of elements in explosive stellar events.

**Related keywords:** nova hunting, elements questions, periodic table, nuclear reactions, element identification, atomic structure, science quiz, chemistry trivia, element properties, stellar nucleosynthesis

## MASTERPROSE STUDY QUESTIONS

**Masterprose study questions** have become an essential resource for students and educators aiming to deepen their understanding of literary works, improve critical thinking skills, and excel in assessments. As a comprehensive tool, these questions facilitate active engagement with texts, enabling learners to analyze themes, characters, and literary devices more effectively. In this article, we will explore the importance of masterprose study questions, how to utilize them effectively, and tips for mastering your studies with these valuable resources.

## Understanding the Significance of Masterprose Study Questions

## What Are Masterprose Study Questions?

Masterprose study questions are carefully curated questions designed to accompany literary texts or educational content. They serve as prompts that guide students through critical analysis, comprehension, and interpretation of literary works. These questions often cover various aspects such as plot, character development, themes, symbols, and writing style.

## Why Are They Important?

Using masterprose study questions offers numerous benefits:

- **Enhanced Comprehension:** They push students to think deeply about the text, ensuring a better grasp of the material.
- **Critical Thinking Development:** These questions challenge learners to analyze and evaluate literary elements critically.
- **Exam Preparation:** They align with curriculum standards and exam formats, making revision more targeted and effective.
- **Active Engagement:** Moving beyond passive reading, students actively interact with the text.
- **Writing Skills Improvement:** Responding to questions helps refine analytical and argumentative writing abilities.

## How to Effectively Use Masterprose Study Questions

### 1. Familiarize Yourself with the Material

Before tackling the questions, ensure you have read the literary work thoroughly. Take notes on key elements such as plot points, character traits, and significant symbols. This foundational understanding will make your responses more insightful.

### 2. Approach Questions Strategically

Not all questions require the same level of detail. Some may prompt simple recall, while others demand deep analysis.

- **Start with comprehension questions:** These confirm your understanding of basic facts.
- **Progress to analytical questions:** Focus on themes, motives, and literary devices.
- **Reflect on personal interpretation:** Consider your perspective and how it relates to the text.

### 3. Develop Thoughtful and Well-Structured Responses

When answering:

- **Use Evidence:** Support your points with direct quotes or references from the text.
- **Be Clear and Concise:** Communicate your ideas effectively without unnecessary verbosity.
- **Organize Your Answers:** Use paragraphs, topic sentences, and logical flow.

## 4. Practice Regularly

Consistent practice with study questions enhances comprehension and confidence. Set aside dedicated time to review questions after reading assignments or before exams.

## 5. Discuss Responses with Peers or Educators

Engaging in discussions helps you see different perspectives and deepen your understanding. Consider joining study groups or seeking feedback from teachers.

## Tips for Mastering Study Questions in Different Contexts

### Using Masterprose Study Questions for Exam Preparation

- **Simulate Exam Conditions:** Practice answering questions within time limits to build exam readiness.
- **Identify Weak Areas:** Focus on questions you find challenging to strengthen your knowledge.
- **Review Model Answers:** Compare your responses with model answers or teacher feedback to improve.

### Incorporating Study Questions into Writing Assignments

- **Outline Essays Based on Questions:** Use questions as essay prompts to organize your thoughts.
- **Develop Thesis Statements:** Frame your responses around central ideas prompted by the questions.
- **Cite Evidence Effectively:** Support your arguments with quotations from the text.

## Enhancing Literary Analysis Skills

- **Break Down Complex Questions:** Analyze what the question asks for before responding.

- Identify Literary Devices: Recognize metaphors, symbolism, and stylistic elements related to the question.
- Compare and Contrast: Use questions that ask for comparisons to develop comparative analysis skills.

## **Common Types of Masterprose Study Questions**

### **Recall and Comprehension Questions**

These questions test your understanding of factual information in the text.

- Who are the main characters?
- What is the setting of the story?
- Summarize the plot of the chapter.

### **Analysis and Interpretation Questions**

These encourage critical thinking about literary elements.

- What is the significance of the symbol used in the story?
- How does the author develop the protagonist's character?
- What themes are explored in the narrative?

### **Opinion and Personal Response Questions**

These questions invite personal reflection and interpretation.

- What is your opinion of the ending?
- How do you relate to the main character's experiences?
- What message do you think the author intended to convey?

### **Comparison and Contrast Questions**

These involve analyzing similarities and differences between texts or characters.

- Compare the themes of two different stories.
- Contrast the protagonists' motivations.

- How do two authors approach the same theme differently?

## Creating Your Own Masterprose Study Questions

While many resources provide pre-made questions, developing your own can significantly enhance comprehension.

- Identify key themes, characters, and symbols.
- Formulate questions that challenge your understanding at various levels.
- Mix factual, analytical, and opinion-based questions for a balanced approach.
- Seek feedback from teachers or peers to refine your questions.

## Conclusion

Masterprose study questions are invaluable tools that foster active learning, critical analysis, and exam success. By integrating these questions into your study routine, you can develop a deeper understanding of literature, enhance your analytical skills, and perform confidently in assessments. Remember to approach each question thoughtfully, support your responses with evidence, and continually challenge yourself with new prompts. With consistent practice and strategic use, masterprose study questions can significantly elevate your literary comprehension and academic performance.

MasterProse Study Questions have become an essential resource for students and educators aiming to deepen their understanding of literary works and improve analytical skills. These study questions serve as a comprehensive guide, fostering active engagement with texts through targeted prompts, thought-provoking inquiries, and structured activities. As the educational landscape shifts toward more interactive and student-centered learning, MasterProse Study Questions offer a valuable tool to facilitate critical thinking, textual analysis, and exam preparation. In this article, we will explore the features, benefits, potential drawbacks, and best practices for utilizing MasterProse Study Questions effectively.

## Overview of MasterProse Study Questions

MasterProse Study Questions are curated sets of questions designed to accompany literary texts, including novels, plays, poems, and essays. They are typically organized to align with the progression of the work, encouraging students to analyze characters, themes, literary devices, and authorial intent. These questions aim to promote close reading and analytical thinking, helping students develop a nuanced understanding of complex texts.

## Core Features of MasterProse Study Questions

- **Structured Format:** Questions are often grouped by chapters, acts, or sections, enabling step-by-step analysis.
- **Diverse Question Types:** Includes comprehension, interpretive, evaluative, and creative prompts.
- **Answer Guides:** Many sets provide suggested answers or discussion points, aiding teachers in assessment.
- **Supplemental Resources:** Often accompanied by thematic summaries, vocabulary lists, and contextual information.

## Intended Audience

MasterProse Study Questions are tailored for a broad audience, including:

- High school students preparing for exams like the SAT, ACT, or AP Literature.
- College undergraduates engaging in coursework or research.
- Educators designing lesson plans or classroom activities.
- Self-learners seeking structured guidance in literary analysis.

## Advantages of Using MasterProse Study Questions

Implementing these questions in the learning process offers numerous benefits:

### Enhanced Critical Thinking Skills

By prompting students to analyze motives, symbols, and themes, these questions foster higher-order thinking. They challenge students to interpret texts beyond surface-level comprehension, encouraging deeper engagement.

### Structured Learning Pathway

The organized nature of the questions provides a clear roadmap for studying. Students can systematically approach a text, ensuring comprehensive coverage and reducing confusion during revision.

### Preparation for Assessments

MasterProse Study Questions mirror many exam formats, especially essay prompts and short-answer questions. Regular practice with these questions can boost confidence and improve exam performance.

## Support for Teachers

Educators benefit from ready-made questions and answer guides, saving preparation time. The questions can serve as discussion starters, homework assignments, or assessment tools.

## Encourages Active Reading

Rather than passively reading, students are prompted to actively analyze and reflect on the material, leading to better retention and understanding.

## Limitations and Challenges of MasterProse Study Questions

Despite their many advantages, there are some limitations to be aware of:

### Potential for Over-Reliance

Students may become dependent on structured questions, which could hinder the development of independent analytical skills if not balanced with open-ended discussions.

### Question Quality Variability

Not all sets of study questions are equally well-crafted. Poorly designed questions can be superficial or misleading, leading to superficial understanding.

### Limited Flexibility

Pre-made questions may not always align perfectly with specific teaching goals or student needs, requiring teachers to modify or supplement them.

### Risk of Rote Learning

Students might focus on memorizing answers rather than engaging critically with the text, reducing genuine comprehension.

### Cost and Accessibility

Some comprehensive sets of MasterProse Study Questions are behind paywalls or require subscriptions, potentially limiting access for some learners.

## Best Practices for Using MasterProse Study Questions Effectively

To maximize their benefits, educators and students should consider the following strategies:

### **Complement with Open-Ended Discussions**

Use the questions as a starting point, but encourage students to formulate their own questions and interpretations to foster originality and deeper understanding.

### **Customize and Expand**

Adapt questions to suit specific learning objectives or student interests. Add prompts for creative responses or comparative analyses.

### **Balance Guided and Independent Learning**

Combine structured questions with free-form activities like essays, presentations, or debates to develop a well-rounded skill set.

### **Use as Formative Assessment Tools**

Employ the questions periodically to gauge understanding and adjust instruction accordingly.

### **Encourage Reflection**

Prompt students to reflect on their responses and reasoning processes to develop metacognitive skills.

## **Integrating MasterProse Study Questions into Curriculum**

Effective integration involves strategic planning:

### **Pre-Reading Activities**

Introduce questions that activate prior knowledge or predict themes, setting a purpose for reading.

### **During Reading**

Use questions to guide focused reading, highlighting key passages or literary devices.

### **Post-Reading Analysis**

Assign questions that synthesize understanding, compare interpretations, or connect themes across

works.

## Assessment and Feedback

Utilize responses to evaluate comprehension and provide constructive feedback.

## Conclusion

MasterProse Study Questions serve as a versatile and valuable resource in the realm of literary education. Their structured approach, diverse question types, and alignment with curriculum goals make them an effective tool for fostering critical thinking, comprehension, and analytical skills. While they are not without limitations, when used thoughtfully and in conjunction with other pedagogical strategies, they can significantly enhance the learning experience. Whether for students preparing for exams or educators designing engaging lessons, MasterProse Study Questions offer a pathway to deeper literary understanding and academic success. To maximize their potential, users should focus on customization, active engagement, and balancing guided questions with independent inquiry, ensuring a rich and stimulating exploration of literature.

**QuestionAnswer** What are masterprose study questions commonly used for? Masterprose study questions are used to help students analyze and understand literary texts more deeply by focusing on themes, characters, and stylistic elements. How can I effectively prepare for masterprose study questions? To prepare effectively, read the text thoroughly, identify key themes and literary devices, and practice answering different types of questions to improve comprehension and analytical skills. Are masterprose study questions suitable for all grade levels? Yes, they can be adapted for various educational levels by adjusting the complexity of the questions to match students' comprehension and analytical abilities. What types of questions are typically included in masterprose study questions? They often include comprehension questions, thematic analysis, character analysis, stylistic questions, and questions that require critical thinking and personal interpretation. How can teachers best utilize masterprose study questions in the classroom? Teachers can use them as discussion prompts, homework assignments, or exam questions to encourage critical thinking and ensure students engage deeply with the text. Where can I find practice masterprose study questions online? Many educational websites, literary resource platforms, and teacher forums offer practice questions tailored to various texts and grade levels. What skills do students develop by answering masterprose study questions? Students improve their analytical thinking, comprehension, textual evidence evaluation, and ability to articulate insights clearly. Can masterprose study questions be used for self-study? Yes, they are valuable for self-study, allowing learners to test their understanding and develop critical analysis skills independently. How do masterprose study questions differ from regular comprehension questions? Masterprose study questions typically require deeper analysis, interpretation, and critical thinking, whereas regular comprehension questions focus on understanding basic content.

**Related keywords:** masterprose, study questions, literature analysis, comprehension questions, literary themes, exam prep, classroom activities, critical thinking, reading comprehension, educational resources

**Read the full article online:** [masterprose study questions](#)