

class 9 10 note File PDF

class 9 10 note: A Comprehensive Guide for Students and Parents

Understanding the importance and details of the **class 9 10 note** is crucial for students, parents, and teachers aiming for academic success. These notes serve as vital resources that encapsulate key concepts, formulas, definitions, and summaries necessary for exam preparation and daily learning. In this article, we will explore everything you need to know about class 9 and 10 notes, including their significance, how to create effective notes, and tips to utilize them efficiently for academic excellence.

What is a Class 9 10 Note?

A **class 9 10 note** refers to a condensed, organized compilation of important topics, concepts, formulas, and summaries from the syllabus of classes 9 and 10. These notes are designed to help students revise quickly, understand core ideas, and retain information effectively. They serve as handy references during exams, homework, and revision periods.

Importance of Class 9 and 10 Notes

Creating and maintaining quality notes for classes 9 and 10 can significantly impact a student's academic performance. Here's why they are indispensable:

1. Enhances Understanding of Concepts

Well-structured notes simplify complex topics, making them easier to understand and remember.

2. Saves Time During Revision

Concise notes allow for quick revision before exams, saving precious time and reducing stress.

3. Improves Retention

Rewriting and summarizing topics reinforce learning and help retain information longer.

4. Provides a Ready Reference

Notes act as quick reference guides during homework, assignments, or doubt clearing sessions.

5. Builds Good Study Habits

The process of note-making encourages active learning and discipline.

How to Create Effective Class 9 10 Notes

Creating quality notes requires effective strategies. Here are steps and tips to craft notes that are both comprehensive and easy to revise:

1. Use Clear and Legible Handwriting

Whether handwritten or typed, clarity is key to effective revision.

2. Organize Notes Topic-wise

Divide your notes based on chapters or subjects for easy navigation.

3. Highlight Important Points

Use colors, underlining, or bullet points to emphasize formulas, definitions, and key concepts.

4. Incorporate Diagrams and Charts

Visual aids like diagrams, flowcharts, and tables simplify complex information.

5. Summarize in Your Own Words

Paraphrasing helps in better understanding and retention.

6. Include Important Formulas and Definitions

Create dedicated sections for formulas, units, and important terminologies.

7. Use Bullet Points and Numbered Lists

Organizing information systematically makes notes easier to review.

8. Add Examples and Practice Questions

Including solved examples helps in understanding application-based questions.

Subject-wise Tips for Making Class 9 10 Notes

Different subjects require tailored note-making approaches. Here are some subject-specific tips:

Mathematics

- List key formulas and theorems
- Include step-by-step problem-solving methods
- Use diagrams to illustrate concepts like geometrical figures

Science

- Summarize concepts with diagrams and flowcharts
- Write down definitions, laws, and formulas clearly
- Include experiments and their observations

Social Science

- Use timelines and maps for history and geography
- Summarize key points for civics and economics
- Highlight important dates, events, and names

English and Hindi

- Note down grammar rules and vocabulary
- Summarize chapters or stories
- Include important quotes and literary devices

Digital Tools and Resources for Class 9 10 Notes

In the digital age, students can leverage various online resources to enhance their note-making process:

- **Note-taking Apps:** Evernote, OneNote, Notion
- **Educational Websites:** Khan Academy, Byju?s, Toppr
- **YouTube Channels:** CrashCourse, Khan Academy, Unacademy

- **PDF Notes and E-books:** Downloaded from educational portals or school portals

Using these tools, students can create interactive, multimedia notes that cater to different learning styles.

Best Practices for Utilizing Class 9 10 Notes Effectively

Creating notes is only part of the journey. Effective utilization is equally important:

1. Regular Revision

Schedule weekly revision sessions to reinforce learning.

2. Practice with Past Papers

Use your notes to solve previous years' question papers and sample papers.

3. Highlight Weak Areas

Identify topics where you face difficulty and focus more on those during revision.

4. Teach Others

Explaining concepts to friends or family helps deepen understanding.

5. Update Notes Periodically

Add new points or clarify doubts as you progress in the syllabus.

Sample Structure of a Class 9 10 Note

Here is a simple template to structure your notes efficiently:

- **Chapter Title**
- **Key Concepts:** Bullet points of main ideas
- **Definitions:** Clear definitions with examples
- **Formulas and Theorems:** List with derivations if needed
- **Diagrams:** Annotated sketches or flowcharts
- **Important Dates/Events:** For history and civics
- **Practice Questions:** Sample questions and solutions

Conclusion

The **class 9 10 note** is an essential academic tool that can significantly influence a student's ability to perform well in exams. By adopting effective note-making strategies, utilizing digital resources, and maintaining consistent revision habits, students can build a strong foundation for their academic journey. Remember, quality notes are not just about writing down information but about understanding and organizing knowledge for efficient learning and recall.

Whether you are a student aiming for top grades or a parent supporting your child's education, investing time in creating and using comprehensive notes will undoubtedly pay off. Embrace the process, stay organized, and make your study sessions more productive with well-crafted class 9 and 10 notes!

Class 9 10 Notes are an essential resource for students aiming to excel in their academic journey, especially in the crucial years of secondary education. These notes serve as concise, organized, and comprehensive summaries of the syllabus, making revision more manageable and effective. Whether you are a student preparing for exams or a teacher looking for a reliable teaching aid, well-structured notes can significantly boost understanding and retention. In this article, we will delve into the importance, features, benefits, and tips for utilizing Class 9 and 10 notes effectively to maximize your academic performance.

Understanding the Significance of Class 9 and 10 Notes

Class 9 and 10 are foundational years that set the stage for higher secondary education and future career paths. The curriculum during these years is broad and challenging, covering subjects like Mathematics, Science, Social Science, English, and more. Having access to well-crafted notes simplifies the learning process by distilling complex concepts into easy-to-understand summaries.

Key reasons why class notes are vital include:

- **Efficient Revision:** Notes condense lengthy chapters into essential points, making revision quicker and more effective before exams.
- **Enhanced Understanding:** Summaries clarify difficult topics, fostering better comprehension.
- **Time Management:** Well-organized notes save time during exam preparation, allowing students to focus on weak areas.
- **Confidence Building:** Regular review of notes boosts confidence by reinforcing knowledge.

Features of Effective Class 9 and 10 Notes

High-quality notes possess certain features that make them a valuable study tool. Here are the

defining characteristics:

Clarity and Simplicity

- Notes should be written in clear language, avoiding unnecessary jargon.
- Concepts broken down into simple terms help in better understanding.

Conciseness

- They should summarize key points without overwhelming detail.
- Focus on important formulas, definitions, and concepts.

Structured Layout

- Use of headings, subheadings, bullet points, and numbering for easy navigation.
- Visual aids like diagrams, charts, and tables to illustrate concepts.

Coverage of Syllabus

- Complete but focused content aligned with the prescribed syllabus.
- Avoiding extraneous information ensures relevance.

Inclusion of Practice Questions

- Sample questions, previous year's questions, and quick quizzes help in self-assessment.

Advantages of Using Class 9 and 10 Notes

Utilizing well-prepared notes offers numerous benefits:

- Improved Retention: Summaries reinforce memory through repetitive review.
- Faster Learning: Students can grasp concepts more quickly by focusing on key points.
- Preparation for Competitive Exams: Many competitive exams for higher classes rely on foundational knowledge; notes help build this base.
- Support for Different Learning Styles: Visual learners benefit from diagrams, while others benefit

from concise written summaries.

- Stress Reduction: Organized notes reduce exam anxiety by providing clarity.

Types of Notes Available for Class 9 and 10

Students can access various types of notes tailored to their needs:

Class Notes from Schools

- Provided by teachers as part of classroom instruction.
- Usually aligned with classroom teaching and syllabus.

Reference Notes and Guides

- Prepared by educational publishers or coaching institutes.
- Offer comprehensive coverage with extra practice questions.

Online Notes and PDFs

- Available on educational websites, apps, and platforms.
- Easy to access and download for free or paid.

Self-made Notes

- Created by students during their revision.
- Enhances understanding through active engagement.

How to Effectively Use Class 9 and 10 Notes

To maximize the benefits of these notes, students should adopt strategic study habits:

Active Reading

- Engage with the material by highlighting key points.
- Make annotations or additional notes for clarification.

Regular Revision

- Schedule periodic reviews to reinforce concepts.
- Use notes for quick revision before exams.

Complementary Use with Textbooks

- Cross-reference notes with textbooks for detailed understanding.
- Clarify doubts by referring to multiple sources.

Practice with Questions

- Use included practice questions to test knowledge.
- Attempt past papers and sample papers to simulate exam conditions.

Customization of Notes

- Personalize notes based on learning preferences.
- Add diagrams, mnemonics, or color codes for better recall.

Pros and Cons of Relying on Class Notes

While notes are valuable, it's important to recognize their limitations:

Pros:

- Save time by condensing information.
- Aid in quick revision.
- Help identify important topics.
- Support varied learning styles through visual aids.

Cons:

- Might omit details that are important for thorough understanding.
- Quality varies; poorly prepared notes can cause confusion.

- Over-reliance may hinder deep learning from textbooks.

Tip: Always use notes as a supplement, not a substitute for textbooks and classroom learning.

Top Resources for Class 9 and 10 Notes

To access reliable notes, students can explore:

- Official School Portals: Often provide class notes aligned with the syllabus.
- Educational Websites: Platforms like BYJU'S, Khan Academy, and Vedantu offer free notes and tutorials.
- Mobile Apps: Apps like Toppr, DoubtNut, and Gradeup provide downloadable notes.
- Printed Guides: NCERT Solutions and other publishers publish comprehensive note books.
- YouTube Channels: Visual explanations and summarized notes through video lectures.

Conclusion

Class 9 10 notes are an indispensable part of a student's academic toolkit. They streamline complex topics, facilitate effective revision, and boost confidence during exams. The key to maximizing their utility lies in selecting high-quality, well-structured notes and using them strategically alongside textbooks and classroom instructions. By cultivating good note-taking habits and integrating these resources into a disciplined study routine, students can significantly enhance their understanding and performance. Remember, the ultimate goal of these notes is not just to memorize, but to truly grasp concepts, build a strong foundation for future studies, and develop lifelong learning skills.

In summary:

- Use notes as a revision tool, not the sole resource.
- Keep notes organized and personalized.
- Regularly update and review notes.
- Combine notes with active learning methods for best results.

With the right approach, Class 9 10 Notes can transform your study sessions into productive, less stressful, and more rewarding experiences, paving the way for academic success and beyond.

Question What are the benefits of using Class 9 and 10 notes for exam preparation? Class 9 and 10 notes help students understand key concepts quickly, reinforce learning, save time during revision, and improve exam performance by providing concise and focused information. **Where can I find reliable Class 9 and 10 notes online?** Reliable sources include educational

websites like NCERT official site, Khan Academy, and various academic portals that offer free or paid comprehensive notes tailored to curriculum standards. How should I effectively use Class 9 and 10 notes for studying? Use notes for regular revision, highlight important points, create mind maps, and practice questions based on the notes to enhance understanding and retention. Are NCERT notes sufficient for scoring high marks in Class 9 and 10 exams? NCERT notes are highly recommended as they align with exam syllabus and question patterns, but supplementing them with reference books, sample papers, and previous year's questions can further improve scores. What topics are most important in Class 9 and 10 notes for last-minute revision? Key topics include fundamental concepts, formulas, definitions, and important chapters from subjects like Mathematics, Science, Social Science, and English that are frequently tested in exams.

Related keywords: Class 9 notes, Class 10 notes, NCERT notes, CBSE notes, syllabus notes, study material, revision notes, exam preparation, chapter summaries, academic notes

ADVANTAGE KEYBOARD PERCUSSION NOTE POSITION CHART

Advantage Keyboard Percussion Note Position Chart: An In-Depth Exploration

Advantage keyboard percussion note position chart serves as a vital tool for musicians, educators, and students involved in keyboard percussion instruments such as the marimba, vibraphone, xylophone, and glockenspiel. This chart offers a visual and conceptual representation of how notes are arranged across the keyboard, facilitating easier learning, sight-reading, and performance. Understanding the significance of this chart can greatly enhance a musician's ability to navigate their instrument efficiently, improve their technique, and develop a more comprehensive grasp of musical theory as it applies to keyboard percussion.

Understanding the Keyboard Percussion Note Position Chart

What Is a Keyboard Percussion Note Position Chart?

A keyboard percussion note position chart is a diagrammatic representation that maps the notes of the musical scale onto the physical layout of a keyboard percussion instrument. Unlike traditional piano keyboards, which are linear and standardized, percussion keyboards often vary in size, note range, and layout depending on the instrument type. The chart provides a visual guide that indicates the precise location of each note, aiding in quick identification and accurate playing.

Core Components of the Chart

- **Note Labels:** Indicate the specific pitch (e.g., C4, D5).
- **Note Positions:** Show where each note is physically located on the instrument's keyboard.
- **Octave Markings:** Help identify the octave range for each note.
- **Color Coding:** Often used to differentiate between note groups or to highlight scales and chord formations.

The Advantages of Using a Keyboard Percussion Note Position Chart

1. Facilitates Faster Learning and Sight Reading

One of the primary benefits of a note position chart is its ability to accelerate the learning process. Musicians can quickly familiarize themselves with the layout of notes, reducing the time spent searching for pitches during practice and performance. This visual aid enhances sight-reading skills by enabling players to instantly recognize note locations, leading to more confident and fluid playing.

2. Promotes Technical Accuracy and Consistency

By providing a clear visual reference, the chart helps musicians develop muscle memory for note positions. This consistency ensures accurate note placement, which is crucial for maintaining intonation and rhythm, especially in complex pieces or fast passages. Over time, this leads to more precise and expressive performances.

3. Enhances Musical Understanding and Theoretical Knowledge

The chart serves as an educational tool that bridges the gap between visual note layout and musical theory. It helps students understand scales, chords, intervals, and harmonies by visually mapping these concepts onto the instrument. This integrated approach deepens their overall musical comprehension.

4. Aids in Transposition and Arrangement

Musicians often need to transpose pieces or adapt arrangements to different keys. The note position chart simplifies this process by providing a visual map of note locations across the instrument's range. This makes transposing and arranging less daunting, especially for beginners who may struggle with mental transposition.

5. Supports Composition and Improvisation

For composers and improvisers, understanding note positions visually can inspire creative ideas and facilitate experimentation. The chart acts as a reference point for exploring new voicings, scales, and melodic lines, enriching the musician's expressive palette.

Applying the Note Position Chart in Practice

1. Learning Scales and Chords

- **Identify the starting note:** Use the chart to locate the root of the scale or chord.
- **Follow the pattern:** Visualize the sequence of notes across the keyboard, practicing ascending and descending patterns.
- **Memorize positions:** Over repeated practice, internalize the note locations for quick recall.

2. Improving Sight Reading

When sight-reading a new piece, refer to the chart to quickly locate notes rather than searching blindly. This reduces hesitation and improves the fluidity of performance, especially in fast or complex passages.

3. Developing Technical Skills

Use the chart to create exercises that focus on specific note groups, intervals, or hand positions. This targeted approach enhances technical proficiency and hand coordination.

4. Composing and Arranging

Leverage the visual map to experiment with new melodies, harmonies, or voicings. The chart can serve as a creative springboard, guiding the placement of notes within the instrument's range.

Designing an Effective Keyboard Percussion Note Position Chart

Key Considerations

- **Instrument Range:** Tailor the chart to match the specific instrument's note range and layout.
- **Clarity and Readability:** Use clear labels, contrasting colors, and simple graphics.
- **Portability:** Make the chart accessible for practice sessions and lessons.
- **Comprehensive Coverage:** Include all notes relevant to the repertoire and exercises.

Tools and Resources for Creating Charts

- Digital notation software (e.g., Finale, Sibelius)
- Graphical design tools (e.g., Adobe Illustrator, Canva)

- Pre-made templates available online

Limitations and Considerations

Potential Challenges

- **Instrument Variability:** Different keyboard percussion instruments may have varying note ranges and layouts, requiring customized charts.
- **Over-Reliance on Visual Aids:** Excessive dependence on charts might hinder developing internal auditory and kinesthetic skills.
- **Learning Curve:** Beginners may need guidance in interpreting and utilizing the chart effectively.

Best Practices for Maximizing Benefits

- Use the chart alongside traditional methods of learning and ear training.
- Gradually phase out reliance on visual aids as familiarity improves.
- Incorporate exercises that challenge note recognition without the chart to build internal mapping.

The Role of the Note Position Chart in Music Education

Teaching Strategies

Instructors can incorporate the chart into lessons by encouraging students to use it for initial learning, then gradually shifting towards internalized note recognition. It can be used for:

- Demonstrating scales and arpeggios
- Building sight-reading exercises
- Exploring musical concepts visually

Benefits for Students

- Enhanced spatial awareness of notes
- Improved confidence in navigating the instrument
- Better understanding of the relationship between music theory and physical layout

Conclusion: Embracing the Power of the Note Position Chart

The **advantage keyboard percussion note position chart** is more than just a visual aid; it is an essential educational and performance tool that bridges the gap between musical notation, theoretical understanding, and physical execution. When used effectively, it can significantly enhance a musician's proficiency, confidence, and musical insight. Whether for beginners learning the basics or advanced players exploring complex arrangements, integrating this chart into practice routines fosters a more intuitive, informed, and expressive approach to keyboard percussion playing. As with any educational tool, its true power lies in balanced and mindful application, complemented by ear training, technical exercises, and musical exploration.

Advantage Keyboard Percussion Note Position Chart: Enhancing Performance and Education

The advantage keyboard percussion note position chart stands as an invaluable resource for percussionists, educators, and students alike. By providing a clear, organized visual of note placements across various keyboard percussion instruments—such as the xylophone, marimba, vibraphone, and glockenspiel—this chart simplifies complex information, promotes accurate performance, and enhances pedagogical strategies. As the demand for precision and efficiency grows in percussion education and performance, understanding the significance and application of this chart becomes essential for those committed to mastering keyboard percussion.

Understanding the Keyboard Percussion Note Position Chart

What Is a Keyboard Percussion Note Position Chart?

At its core, a keyboard percussion note position chart is a visual or schematic representation that maps out the exact location of each musical note across the keys of percussion instruments. Unlike traditional piano keyboards, which follow a standardized layout, percussion instrument layouts can vary, especially considering the range, tuning, and specific instrument design.

A typical chart includes:

- Note labels: Identifying each pitch (e.g., C4, D5)
- Positioning: Showcasing where each note resides on the instrument
- Color coding: Differentiating between octaves or note groups
- Instrument-specific layouts: Adjusted for marimbas, xylophones, vibraphones, etc.

This visual tool offers a quick reference, aiding performers in locating notes swiftly, preparing for performances, and designing educational exercises.

Why Is It Considered Advantageous?

The term 'advantage' reflects the multiple benefits this chart provides:

- Efficiency: Speeds up note identification during rehearsals and performances.
- Accuracy: Minimizes errors in note placement, especially for complex passages.
- Educational clarity: Assists students in understanding the spatial relationship between notes.
- Consistency: Promotes uniformity in teaching and playing techniques.

The Significance of Note Positioning in Keyboard Percussion Instruments

The Role of Note Layout in Performance Precision

Percussion instruments like the marimba and vibraphone feature a series of bars arranged chromatically or diatonically. The physical positioning of these bars directly influences a player's ability to execute passages accurately and efficiently. Precise note positioning is especially critical in fast passages or intricate melodies.

For example:

- Speed and agility: Well-organized note positions reduce hand movement.
- Hand coordination: Consistent placement enhances muscle memory.
- Minimized fatigue: Logical layouts decrease unnecessary stretching or awkward movements.

The Impact on Technique and Articulation

Proper note positioning supports various technical aspects:

- Stroke consistency: Knowing exact note locations aids in developing uniform strikes.
- Dynamic control: Precise placement allows for better control over volume and tone.
- Expressive playing: Accurate note localization facilitates nuanced phrasing.

Designing the Perfect Note Position Chart

Factors to Consider

Creating an effective advantage keyboard percussion note position chart involves several considerations:

- Instrument range: The specific number of notes and octave span on the instrument.
- Bar layout: Arrangement of bars?linear, staggered, or ergonomic.
- Color coding and labeling: Clear visual distinctions for quick recognition.
- User-friendliness: Easy to interpret for players of all levels.

Common Elements Included

Most charts incorporate:

- Note labels: Standard notation with octave numbers.
- Color codes: Different colors for each octave or note group.
- Key markers: Indications of middle C, octave boundaries, or special notes.
- Physical layout: Visual of the instrument?s bar arrangement, often with a top-down view.

Variations for Different Instruments

Since each keyboard percussion instrument has its unique layout, charts are tailored accordingly:

- Marimba: Typically has a larger range with more bars, often spanning four or five octaves.
- Xylophone: Usually smaller, with a focus on treble notes.
- Vibraphone: Similar to marimba but with motorized resonators.
- Glockenspiel: Smaller range, primarily in the higher octaves.

Each requires a customized chart for optimal utility.

Practical Applications of the Note Position Chart

Educational Use

Teachers leverage these charts to:

- Introduce note reading: Visual aids help beginners associate notation with physical position.
- Develop muscle memory: Repetitive exercises based on the chart reinforce note location.
- Design exercises: Creating sight-reading or transposition activities aligned with the chart.

Performance Preparation

Musicians utilize the chart to:

- Plan passages: Identify note locations for efficient fingerings.
- Memorize pieces: Visual cues aid in internalizing note sequences.
- Troubleshoot issues: Quickly locate problematic notes during rehearsals.

Instrument Maintenance and Customization

Custom charts help technicians and players:

- Identify bar replacements: Ensuring new bars are correctly positioned.
- Adjust instrument setup: Optimize ergonomics based on player size or preference.

Benefits of Using an Advantage Keyboard Percussion Note Position Chart

Enhances Accuracy and Speed

With a ready reference, players can locate notes faster, leading to more precise performances, especially under time constraints.

Supports Learning and Pedagogy

Students grasp note layout concepts more quickly when supported by visual tools, accelerating their progress and boosting confidence.

Facilitates Consistency Across Ensembles

Uniform charts ensure all performers interpret note positions similarly, promoting cohesive ensemble playing.

Assists in Transcriptions and Arrangements

Arrangers and composers can use the chart to visualize note placements during transcription and score development, ensuring fidelity to instrument layout.

Future Trends and Innovations

Digital and Interactive Charts

The advent of digital technology has led to:

- Interactive apps that simulate note placement and allow customization.
- Augmented reality (AR) tools for real-time note position visualization.
- Integration with MIDI and digital interfaces for precise mapping.

Customization and Personalization

Players increasingly seek personalized charts tailored to their instrument's specific configuration, playing style, or educational needs.

Cross-Instrument Compatibility

Developing universal or adaptable charts that can be used across various keyboard percussion instruments streamlines learning and performance.

Conclusion

The advantage keyboard percussion note position chart is more than just a visual aid; it is a foundational tool that bridges the gap between notation and physical execution. By clearly delineating note locations across keyboard percussion instruments, it fosters greater accuracy, efficiency, and confidence in both performance and education. As technology advances, these charts are poised to become even more interactive and personalized, further enhancing their utility. For percussionists committed to excellence, investing time in understanding and utilizing these charts is an essential step toward mastering the art of keyboard percussion.

Question What is an advantage of using a keyboard percussion note position chart for beginners? It provides a visual guide that helps beginners quickly learn note placement and develop proper technique efficiently. **Answer** How does a note position chart improve a musician's understanding of keyboard percussion instruments? It offers a clear layout of note locations, enhancing spatial awareness and aiding in faster note recognition and memorization. Can a keyboard percussion note position chart help with sight-reading skills? Yes, by familiarizing students with note positions on the instrument, it improves their ability to read and execute music more accurately and swiftly. What features should a good advantage keyboard percussion note position chart include? It should be clear, color-coded for different notes, include both note names and positions, and be durable for frequent use. Is the note position chart useful for advanced percussionists? While primarily designed for learners, advanced players can also use it as a quick reference or to refine their note placement accuracy. How does a note position chart assist with memorization during practice? It reinforces visual memory of note locations, making it easier to recall note positions during performance or practice sessions. Can digital or interactive note position charts offer advantages over traditional printed charts? Yes, digital charts can be more engaging, customizable, and interactive, providing dynamic learning tools and instant updates. Are advantage keyboard percussion note position charts suitable for all types of keyboard percussion instruments? They are most useful for

instruments like the marimba, xylophone, and vibraphone, but should be adapted to fit the specific layout of each instrument. How often should a student refer to a note position chart during practice? Regularly, especially in the early stages of learning, to develop muscle memory and improve note recognition and accuracy.

Related keywords: keyboard percussion note positions, percussion instrument chart, note placement guide, percussion note layout, keyboard percussion mapping, note position diagram, percussion instrument layout, keyboard percussion notation, percussion note arrangement, percussion instrument guide

Read the full article online: [Advantage Keyboard Percussion Note Position Chart](#)