

Fluency Passages For First Grade Workbook

Fluency Passages for First Grade: A Comprehensive Guide to Building Reading Confidence

Fluency passages for first grade play a vital role in developing young learners' reading skills. At this early stage of education, children are transitioning from learning to read to reading to learn. Fluency, which involves reading smoothly, accurately, and with proper expression, is a key component of reading comprehension and overall literacy development. Providing engaging, age-appropriate fluency passages helps first graders practice these skills in a fun and effective way, laying a solid foundation for future academic success.

Understanding the Importance of Fluency Passages in First Grade

What Are Fluency Passages?

Fluency passages are carefully selected texts that children read aloud to practice reading fluency. These passages are typically short, engaging, and aligned with the child's reading level, enabling them to practice decoding words, improve pronunciation, and develop rhythm and expression.

Why Is Reading Fluency Critical for First Graders?

- Enhances Comprehension: Fluent readers understand text better because they focus less on decoding and more on meaning.
- Builds Confidence: Regular practice with fluency passages boosts children's confidence in their reading abilities.
- Prepares for Independent Reading: Fluency is a stepping stone toward independent, enjoyable reading experiences.
- Supports Vocabulary Development: Repeated exposure to words in context helps expand vocabulary.

Characteristics of Effective Fluency Passages for First Grade

Age-Appropriate Content

Passages should align with children's interests and real-world experiences, such as animals, family, school, and everyday activities.

Controlled Vocabulary

Use common words that first graders can decode and understand, gradually increasing complexity as skills develop.

Engaging and Relatable Topics

Stories or texts that captivate children's interest encourage repeated reading and practice.

Structured for Progression

Organize passages from simple to more challenging to match learners' growing skills.

Short Length

Keep passages concise, generally 50-100 words, to maintain focus and prevent frustration.

Types of Fluency Passages for First Grade

1. Fiction Passages

Stories about animals, children, or familiar settings that stimulate imagination and engagement.

2. Non-fiction Passages

Informative texts about topics like seasons, animals, or community helpers that build background knowledge.

3. Poetry and Rhymes

Simple poems and rhymes help children grasp rhythm, rhyme, and intonation.

4. Repetitive Texts

Texts with repeated phrases or structures that facilitate memorization and fluency.

Strategies for Using Fluency Passages Effectively

1. Repeated Reading

Encourage children to read the same passage multiple times to build confidence and fluency. Each repetition should focus on reading with expression and accuracy.

2. Choral Reading

Read passages aloud together as a class or in pairs, promoting fluency through shared reading.

3. Timed Readings

Use timers to help children track their progress and aim for improvement over time without creating pressure.

4. Modeling and Think-Alouds

Teachers or parents model fluent reading and demonstrate how to approach tricky words, highlighting proper expression.

5. Vocabulary and Comprehension Checks

Discuss unfamiliar words and ask questions about the passage to deepen understanding and engagement.

Creating Your Own Fluency Passages for First Grade

Steps to Develop Effective Passages

- Select age-appropriate topics that interest children.
- Use simple, controlled vocabulary suited to the child's reading level.
- Incorporate familiar words and sight words to boost confidence.
- Include repetitive phrases to encourage memorization.
- Keep passages short and focused on a single idea or story.
- Add visual supports like pictures or illustrations to aid comprehension.

Sample DIY Fluency Passage

Title: A Day at the Park

Today, I went to the park. I saw a big, green tree. The tree has many leaves. I played on the swing. I ran and ran. I had fun at the park!

This simple passage uses familiar vocabulary and imagery, making it ideal for early readers.

Resources and Materials for Fluency Practice

1. Printable Fluency Passages

Numerous websites offer free downloadable passages tailored for first graders, such as:

- Reading A-Z
- Scholastic
- Teachers Pay Teachers

2. Digital Reading Platforms

Interactive apps and online programs like Epic, Raz-Kids, and Starfall provide leveled passages for practice.

3. Classroom Libraries

A well-stocked library with beginner-reader books offers authentic opportunities for fluency practice.

4. Flashcards and Word Walls

Reinforce sight words and vocabulary essential to fluency passages.

Assessment and Monitoring Progress

1. Fluency Rubrics

Use checklists to evaluate accuracy, speed, expression, and comprehension during passages.

2. Recordings

Record students reading passages to analyze progress over time and provide targeted feedback.

3. Regular Progress Checks

Schedule weekly or bi-weekly assessments to monitor growth and adjust instruction accordingly.

Conclusion: Supporting First Graders on the Path to Fluent Reading

Providing effective, engaging fluency passages is crucial for developing confident and competent young readers. By selecting appropriate materials, employing diverse strategies, and regularly assessing progress, educators and parents can foster a love of reading while building essential

literacy skills. Remember, the goal is not just to read words but to read with expression, understanding, and joy?setting first graders on a lifelong journey of learning and discovery.

Fluency Passages for First Grade: A Comprehensive Guide to Supporting Early Reading Success

Developing reading fluency is a critical milestone in a first grader's literacy journey. Fluency passages for first grade are carefully designed texts that help young learners practice reading smoothly, accurately, and with appropriate expression. These passages serve as a bridge between decoding individual words and understanding the meaning of texts, fostering confidence and comprehension. In this guide, we explore the importance of fluency passages, how to select effective materials, and strategies for integrating them into classroom instruction or home practice to maximize reading growth.

Understanding the Importance of Fluency Passages for First Grade

Reading fluency is often described as the ability to read with speed, accuracy, and proper expression. It is a vital component of reading comprehension because fluent readers can focus less on decoding individual words and more on understanding the overall message of a text. For first graders, developing fluency is a foundational step toward becoming independent readers.

Why are fluency passages essential at this stage?

- They provide repeated, controlled exposure to high-frequency words and common vocabulary.
- They help students practice reading aloud in a low-pressure setting.
- They develop rhythm, intonation, and phrasing, which are crucial for expressive reading.
- They build confidence, encouraging students to read more frequently and with enthusiasm.
- They serve as assessment tools to monitor progress and identify areas needing support.

Characteristics of Effective Fluency Passages for First Grade

Choosing the right fluency passages is key to fostering reading development. Here are the essential features to look for:

- Age-Appropriate Content

Passages should feature topics that are engaging and relevant to first graders, such as animals, family, school, seasons, or simple science concepts.

- Controlled Vocabulary

Use texts with a manageable number of unfamiliar words, focusing on high-frequency words and common sight words that students are expected to recognize.

- Short Length

Fluency passages are typically 50-100 words long, allowing students to practice reading in manageable segments without becoming overwhelmed.

- Repetition and Predictability

Texts that include repeated phrases or predictable sentence structures aid students in recognizing patterns and building confidence.

- Clear Structure and Visuals

Well-organized passages with clear sentences and supportive illustrations help students grasp meaning and maintain engagement.

Selecting the Right Fluency Passages

Choosing appropriate materials involves balancing challenge and accessibility. Here are tips for selecting or creating effective fluency passages:

- Align with Curriculum Goals: Use passages that reinforce the phonics patterns, vocabulary, and comprehension skills being taught.
- Incorporate High-Frequency Words: Select texts that include common words, such as "the," "and," "is," and "you."
- Match Student Reading Levels: Use assessment data to determine each student's independent and instructional reading levels.
- Use Diverse Topics: Offer a variety of themes to maintain interest and expand vocabulary.
- Include Visual Supports: Pictures or illustrations can aid comprehension and motivation.

Strategies for Using Fluency Passages Effectively

Implementing fluency passages with intentional strategies maximizes their benefit. Here are best

practices for teachers and parents:

- Model Fluent Reading

Begin by reading the passage aloud to demonstrate proper pacing, expression, and phrasing. Think aloud to show how to approach unfamiliar words or tricky sentences.

- Choral Reading

Read the passage aloud together as a class or with a partner. This shared reading builds confidence and allows students to practice fluency in a supportive environment.

- Repeated Reading

Have students read the same passage multiple times over several days. Repetition improves accuracy and speed while reinforcing vocabulary.

- Partner Reading

Pair students to take turns reading the passage aloud. Offer feedback and encouragement to promote fluent, expressive reading.

- Use Timed Readings

Encourage students to read the passage aloud within a set time to develop reading speed, but emphasize accuracy and expression over speed alone.

- Incorporate Comprehension Checks

After reading, ask questions about the passage to ensure understanding and to connect fluency practice with comprehension skills.

Sample Fluency Passages and Activities

Below are examples of simple fluency passages suitable for first graders, along with suggested

activities:

Sample Passage 1: The Cat and the Hat

The cat is on the mat. The cat is fat. The hat is red. The cat and the hat sit on the mat.

Activities:

- Highlight high-frequency words ("the," "and," "is").
- Practice reading aloud with expression.
- Discuss what the cat and hat are doing.

Sample Passage 2: A Day at the Park

We play in the park. The sun is bright. Children run and jump. They swing on the swings and slide down the slide.

Activities:

- Use pictures to predict words.
- Reread for accuracy.
- Retell the passage in their own words.

Incorporating Fluency Passages into Daily Literacy Routine

Consistency is key. Here's how to make fluency practice a regular part of instruction or home reading:

- Schedule Daily Practice: Dedicate 10-15 minutes each day to fluency activities.
- Create a Fluency Center: Set up a station with different passages and recording tools.
- Use Technology: Record student readings and listen for fluency and expression.
- Provide Feedback: Offer positive reinforcement and gentle corrections.
- Track Progress: Keep logs of reading times, accuracy, and observations to monitor growth.

Conclusion

Fluency passages for first grade are a vital tool in early literacy instruction, supporting emerging readers as they develop speed, accuracy, and expressive reading skills. By selecting engaging,

level-appropriate texts and employing effective strategies such as repeated reading and modeling, educators and parents can foster a love for reading and lay a strong foundation for future literacy success. Remember, the goal is to help first graders read confidently and joyfully, turning every passage into an opportunity for growth and discovery.

Supporting early readers with well-chosen fluency passages not only improves their reading skills but also nurtures their confidence and enthusiasm for learning. Incorporate these practices into your teaching or home routines to see your young readers thrive!

Question What are fluency passages for first grade students? Fluency passages for first grade students are short reading texts designed to help young learners practice reading smoothly, accurately, and with expression to improve their overall reading skills. **Why** are fluency passages important for first graders? They help first graders develop reading confidence, improve comprehension, and build accuracy and speed in reading, making reading easier and more enjoyable. **How** can teachers use fluency passages in the classroom? Teachers can have students practice reading passages aloud regularly, use timed readings to monitor progress, and incorporate repeated readings to increase fluency. **What** types of texts are suitable for first grade fluency passages? Simple, age-appropriate stories or informational texts with familiar vocabulary and sentence structures are ideal for first graders to practice fluency. **How** often should first graders practice fluency passages? Practicing 3 to 4 times a week for about 10-15 minutes per session can effectively improve fluency in first graders. **Can** fluency passages improve comprehension for first graders? Yes, as students become more fluent, they can focus better on understanding the meaning of the text, leading to improved comprehension. **Are** there digital resources available for fluency passages for first grade? Yes, many websites and educational apps offer printable and interactive fluency passages specifically designed for first-grade students. **How** can parents support fluency practice at home? Parents can read passages with their children, encourage repeated reading, and provide positive feedback to help build confidence and fluency skills.

Related keywords: first grade reading passages, fluency practice for first graders, early reading passages, beginner reading passages, simple fluency passages, grade 1 reading exercises, reading comprehension for first grade, basic fluency scripts, first grade literacy activities, beginner reading fluency texts

Pixl maths papers grade boundaries

pixl maths papers grade boundaries are a crucial aspect for students, teachers, and parents navigating the GCSE examination process. Understanding how grade boundaries are determined and what they mean for exam performance can help students set realistic goals, prepare effectively,

and interpret their results accurately. In this comprehensive guide, we will explore the concept of grade boundaries in PIXL Maths papers, how they are calculated, and how to use this information to maximize success in your exams.

What Are Pixl Maths Papers Grade Boundaries?

Grade boundaries in Pixl Maths papers refer to the minimum marks required to achieve a specific grade. These boundaries are set by exam boards after the exams are marked, based on various statistical analyses, to ensure fairness and consistency across different exam sessions. They serve as a threshold system: if a student scores above a certain mark, they will be awarded the corresponding grade.

Why Are Grade Boundaries Important?

- **Assessment of Performance:** Grade boundaries provide a clear benchmark to assess student achievement relative to their peers.
- **Understanding Results:** They help students interpret their raw scores, understanding whether they have met the criteria for their target grades.
- **Preparation Planning:** Knowledge of grade boundaries can influence revision strategies, focusing on areas that are more likely to push scores into higher grade brackets.
- **Fairness and Standardization:** They ensure that results are comparable across different exam sessions, accounting for variations in exam difficulty.

How Are Pixl Maths Grade Boundaries Calculated?

Grade boundaries are not arbitrary; they are based on rigorous statistical analysis of exam performance. The process involves multiple steps:

1. Post-Exam Marking and Data Collection

After exams are completed, examiners mark the scripts and record the raw scores for each student. This data collection forms the foundation for analysis.

2. Standard Setting and Statistical Analysis

Qualified experts and examiners analyze the data to determine the distribution of scores. They consider factors such as:

- Overall exam difficulty

- Student performance trends
- Historical data from previous years

Using statistical methods, they establish cut-off points that differentiate between grades.

3. Adjustments for Fairness

To ensure fairness, adjustments may be made to account for variations in exam difficulty or unexpected events. The goal is to maintain consistency in grading standards year after year.

4. Publication of Grade Boundaries

Once finalized, exam boards publish grade boundaries online, often shortly after results are released, providing transparency for students and educators.

Typical Grade Boundaries for Pixl Maths Papers

While grade boundaries can fluctuate annually based on exam difficulty and student performance, typical ranges can serve as helpful benchmarks. Below is an overview of approximate grade boundaries based on historical data for Pixl GCSE Maths papers:

Foundation Tier (Grades 1-5)

- Grade 1: 10-20 marks
- Grade 2: 21-30 marks
- Grade 3: 31-40 marks
- Grade 4: 41-50 marks
- Grade 5: 51-60 marks

Higher Tier (Grades 4-9)

- Grade 4: 55-65 marks
- Grade 5: 66-75 marks
- Grade 6: 76-85 marks
- Grade 7: 86-95 marks
- Grade 8: 96-105 marks
- Grade 9: 106-115+ marks

Note: These are approximate figures; actual boundaries vary annually. Always check the official

grade boundary releases for precise information.

How to Use Pixl Maths Grade Boundaries Effectively

Understanding grade boundaries is just the first step. Here's how students can leverage this knowledge for better exam preparation and interpretation:

1. Set Realistic Targets

Based on your current performance and the known grade boundaries, set achievable goals for each exam. For example, if you aim for a Grade 5, plan to score at least 55-60 marks.

2. Focus on Marginal Areas

Identify which questions or topics tend to be borderline for your target grade. Focus revision on these areas to push your scores higher.

3. Use Past Papers and Mark Schemes

Practicing with past Pixl Maths papers helps you familiarize yourself with question styles and difficulty levels, giving you a sense of where your scores stand relative to grade boundaries.

4. Analyze Your Mock Results

Compare your mock exam scores with the grade boundaries to determine how close you are to your target grades. This can guide your revision priorities.

5. Stay Informed

Keep an eye on official updates from Pixl and other exam boards regarding grade boundary changes each year to adapt your expectations and strategies accordingly.

Tips for Achieving Higher Grades in Pixl Maths Exams

Achieving a higher grade boundary requires strategic preparation. Here are some tips:

Practice Regularly

Consistent practice with past papers improves problem-solving speed and accuracy, essential for maximizing marks.

Identify Weak Areas

Use feedback from mock exams and practice papers to focus revision on topics where you lose the most marks.

Master Key Concepts and Techniques

Solid understanding of fundamental concepts and formulae enables quicker problem-solving and reduces mistakes.

Time Management Skills

Practice completing papers within the allotted time to ensure you can attempt all questions confidently.

Seek Help When Needed

Don't hesitate to ask teachers or tutors for clarification on difficult topics, ensuring your understanding is thorough.

Conclusion

Pixl Maths papers grade boundaries are a vital component of GCSE assessment that help define the standards required for each grade. While these boundaries can fluctuate annually, understanding how they are set and what they mean for your performance can significantly influence your revision approach and exam strategy. By practicing past papers, setting realistic goals, and staying informed about official grade boundary releases, students can optimize their chances of achieving their desired grades. Remember, success in GCSE Maths is not just about crossing a specific boundary but about consistent effort, strategic preparation, and a clear understanding of the grading standards.

Always refer to the official Pixl website or your exam centre for the most current grade boundary figures and updates. With the right preparation and awareness, you can confidently aim for the grades you aspire to and demonstrate your full potential in your Pixl Maths exams.

Pixl Maths Papers Grade Boundaries: A Comprehensive Guide for Students and Educators

Understanding the Pixl Maths papers grade boundaries is essential for students aiming to gauge their performance accurately and for teachers preparing students effectively. Grade boundaries serve as the benchmark scores that determine whether a student receives a particular grade, such as a pass, merit, or distinction. With the evolving nature of assessment standards and the unique

structure of Pixl qualifications, it is crucial to analyze how these boundaries are set, what factors influence them, and how students can interpret them to better prepare for their exams. This guide provides an in-depth look into Pixl Maths papers grade boundaries, offering insights, practical tips, and a detailed breakdown to help both students and educators navigate this important aspect of the assessment process.

What Are Pixl Maths Papers Grade Boundaries?

Definition and Purpose

Grade boundaries for Pixl Maths papers are the minimum scores required to achieve specific grades in the qualification. They are not fixed and can vary year by year depending on several factors, including the difficulty level of the exam and overall student performance.

How Are Grade Boundaries Determined?

The process of setting grade boundaries involves a combination of statistical analysis and examiner judgment. Typically, the awarding body, in this case, Pixl, conducts a standard-setting process that considers:

- Exam difficulty: If an exam is particularly challenging, grade boundaries may be adjusted downward to reflect the higher difficulty.
- Candidate performance: The distribution of marks achieved by all students influences where boundaries are set.
- Historical data: Past performance data helps inform where boundaries should lie to maintain consistent standards over time.
- Standardization: Ensuring fairness and consistency across different exam sessions and cohorts.

When Are Grade Boundaries Released?

Pixl usually publishes the grade boundaries shortly after the exam series concludes and the marking process is complete. This typically occurs within a few weeks, providing students and teachers with clarity on performance standards.

The Importance of Understanding Grade Boundaries

For Students

- Performance Assessment: Knowing grade boundaries helps students understand how well they

need to perform to achieve their target grade.

- Effective Revision: By analyzing previous boundaries, students can identify the level of accuracy required in their responses.
- Goal Setting: Clear boundaries enable students to set realistic goals and focus their revision efforts.

For Educators

- Assessment Planning: Teachers can design lessons and practice questions aligned with current grade boundary standards.
- Feedback & Support: Understanding boundaries allows for better feedback and targeted interventions for students near the pass or merit thresholds.
- Data Analysis: Comparing cohort performance against boundaries helps assess the effectiveness of teaching strategies.

Trends and Insights in Pixl Maths Grade Boundaries

Variability Over Years

Grade boundaries tend to fluctuate annually due to varying exam difficulties and student performances. For example:

- In some years, boundaries for a Grade 4 (standard pass) may be set around 50%, while in others, they might be higher or lower depending on exam difficulty.
- The boundaries for higher grades like Grade 7 or 8 are generally more stable but can still shift slightly.

Impact of Exam Style and Content

Changes in exam style, such as increased emphasis on problem-solving or application-based questions, can influence the grade boundaries. More challenging questions may lower the boundaries needed for passing grades, while raising the bar for top grades.

Comparing Pixl to Other Exam Boards

While each awarding body sets its own boundaries, Pixl's standards are generally aligned with other GCSE Maths exam boards. However, students should always consult the specific boundaries published for their exam series to ensure accurate understanding.

How to Find the Latest Pixl Maths Papers Grade Boundaries

Official Sources

- Pixl's Exam Website: The most reliable and up-to-date information is available directly from Pixl's official website or the exam administration portal.
- Published Reports: After each exam series, Pixl publishes grade boundaries in official reports accessible to schools and students.

School Support

- Teachers and school exam officers often have access to grade boundary data and can provide insights tailored to specific cohorts.
- Many schools also distribute grade boundary information through revision sessions or exam prep materials.

Online Resources and Forums

- Educational forums and revision sites often compile and discuss recent grade boundaries, especially post-exam.
- However, always verify the authenticity of this information against official sources.

Practical Tips for Students: Making the Most of Grade Boundary Information

- Review Past Boundaries: Analyze previous years' grade boundaries to understand the level of detail and accuracy needed.
- Practice under Exam Conditions: Simulate exam conditions to improve your ability to reach or surpass the required score thresholds.
- Identify Weak Areas: Use boundary data to identify topics where you need to improve, especially if your scores are close to the boundary.
- Set Realistic Goals: Based on current performance and boundary data, set achievable targets for each exam attempt.
- Stay Updated: Always check the latest grade boundaries published after your exam series to evaluate your performance accurately.

Interpreting Grade Boundaries: A Step-by-Step Guide

Step 1: Find the Boundary Scores

Locate the official grade boundary scores for your exam series, including the marks required for each grade.

Step 2: Match Your Raw Score

Compare your raw score (the number of marks obtained) to these boundaries.

Step 3: Determine Your Grade

- If your score is equal to or above the boundary for a particular grade, you can expect to receive that grade.
- If your score is just below a boundary, consider the margin and your potential to improve in future attempts.

Step 4: Plan Next Steps

- Above the Boundary: Celebrate your success and consider higher-grade aspirations.
- Below the Boundary: Identify areas for improvement and plan targeted revision strategies.

Future Outlook and Considerations

Continuous Standard-Setting

Pixl and other exam boards continually refine their standard-setting processes to ensure fairness and maintain standards. As assessments evolve, so too will the grade boundaries.

Impact of External Factors

Factors such as disruptions (e.g., exam cancellations or shifts to online assessments) can influence grade boundaries, sometimes leading to adjustments to account for differing exam conditions.

Preparing for Variability

Students should focus on mastering core concepts and practicing consistently, rather than relying solely on historical grade boundary data, as boundaries can shift based on exam difficulty and cohort performance.

Conclusion

The Pixl Maths papers grade boundaries are a vital component in understanding exam performance and setting realistic academic goals. While they fluctuate annually based on multiple factors, understanding how they are set and how to interpret them empowers students to approach their assessments with confidence. By staying informed through official sources, analyzing past boundaries, and practicing effectively, students can optimize their chances of achieving their desired grades. Educators, in turn, can leverage this knowledge to tailor instruction and support, ensuring that learners are well-prepared to meet or exceed the standards set by Pixl. Ultimately, a thorough grasp of grade boundaries enhances transparency and fairness in the assessment process, fostering a more motivating and equitable environment for GCSE Maths candidates.

Question What are Pixl maths papers grade boundaries for 2023? Pixl maths papers grade boundaries for 2023 vary depending on the exam series and are typically released by the exam board shortly after results are published. It's best to check the official Pixl or exam board website for the most accurate and up-to-date grade boundaries. How do Pixl maths paper grade boundaries compare to other exam boards? Pixl grade boundaries are generally comparable to other exam boards like Edexcel or AQA, but slight variations can occur. It's important to refer to the official grade boundaries for each exam series for precise information. Where can I find official Pixl maths paper grade boundaries? Official Pixl maths paper grade boundaries are published on the Pixl website and the specific exam board's results portal shortly after the exams are marked and results are released. How are Pixl maths grade boundaries calculated? Grade boundaries for Pixl maths papers are determined by the exam board based on the distribution of marks, difficulty of the paper, and statistical analysis to ensure fair grading standards across different exam sessions. What is the typical grade boundary for a grade 5 in Pixl maths papers? While it varies each year, a grade 5 in Pixl maths papers often requires approximately 60-65% of the total marks, but students should consult the specific grade boundary for their exam series for exact figures. Can students estimate their grade based on Pixl maths paper grade boundaries? Students can estimate their likely grade by comparing their raw scores to the published grade boundaries, but only official results confirm the final grade. Are Pixl maths grade boundaries adjusted for different tiers (foundation or higher)? Yes, Pixl maths papers often have separate grade boundaries for foundation and higher tiers, reflecting the different levels of difficulty and mark schemes. How do I interpret Pixl maths paper grade boundaries after receiving my results? You can compare your raw score to the published grade boundaries to see what grade you have achieved. If your score is close to the boundary, it indicates a borderline grade, and you can review the official grade boundary chart for clarity. Are Pixl maths paper grade boundaries predictable for future exams? While historical data can provide some insight, grade boundaries can vary each year based on exam difficulty and statistical analysis, so they are not entirely predictable.

Related keywords: pixl maths papers, grade boundaries, PIXL exam scores, PIXL GCSE maths, PIXL grading criteria, PIXL assessment thresholds, PIXL exam results, GCSE maths grade

boundaries, PIXL marking scheme, PIXL exam papers

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