

TÀI LIỆU ÔN TẬP CHO CUỘC THI TOÁN MATH OLYMPIAD 2025

VỚI CHỦ ĐỀ “BEYOND NUMBERS: UNVEILING MATH MYSTERIES”

REVISION MATERIALS FOR MATH OLYMPIAD 2025 WITH THE THEME

“BEYOND NUMBERS: UNVEILING MATH MYSTERIES”

Ban Tổ chức cuộc thi xin thông báo nội dung câu hỏi trong Cuộc thi toán Math Olympiad 2025 sẽ được triển khai dưới hình thức câu hỏi trắc nghiệm trực tuyến bao gồm các nội dung chính sau đây:

The Organizing Committee of the competition would like to announce that the questions in the Math Olympiad 2025 competition will be delivered in the form of online multiple-choice questions, including the following content:

1. Bộ tài liệu gồm 25 câu hỏi được đưa ra trước cuộc thi với mục đích giúp học sinh nghiên cứu và ôn tập - chiếm khoảng 60 - 70% trong các câu hỏi đưa ra tại cuộc thi chính thức

A set of 25 questions provided in advance of the competition for the purpose of helping students research and review. This section will account for approximately 60-70% of the questions presented in the official contest

2. Phần câu hỏi mở liên quan tới các nội dung đã học - chiếm khoảng 30 - 40% trong các câu hỏi đưa ra tại cuộc thi chính thức.

Additional questions related to the topics studied will make up for approximately 30-40% of the questions in the official competition.



Danh sách câu hỏi:

List of questions:

Khối <i>Grade</i>	Nội Dung Ôn Tập <i>Review Content</i>	Đường Dẫn Trực Tuyến <i>Online Link</i>
Grade 6	- Add, Subtract, Multiply, and Divide Decimals - Plot Rational Numbers on a Number Line and Coordinate Plane - Compare and Order Rational Numbers - Solve Problems using Equations - Write Algebraic Expressions	https://create.kahoot.it/share/grade-6-math-olympiad-2024-2025/58ea2384-1a33-4541-8e26-8e5436231f3e
Grade 7	- Solving Problems with Rational Numbers - Simplifying Expressions - Properties of Triangles - Circumference and Area of Circles - Surface Area	https://create.kahoot.it/share/grade-7-math-olympiad-2024-2025/c86f36ac-f743-4a4c-9af6-3dd5ce4b1af4
Grade 8	- Solving Linear Equations - Understanding System of equations - Solving System of Equations - Solving Problems Using System of Equations, Understanding Functions, - Linear Functions - Graphs of Functions	https://create.kahoot.it/share/math-olympiad-reviewer-for-grade-8/e0073dd6-28e9-4569-b789-915b74d008f8
Grade 9	- Applying System of Linear Equations - Multiplication Properties of Exponents - Division Properties of Exponents - Radical Expressions - Exponential Functions	https://create.kahoot.it/share/math-olympiad-reviewer-for-grade-9/9d00e80e-2830-4d51-923d-7e142b3a020b
Grade 10	- Operations with Polynomial, Powers of Binomials - Dividing Polynomials - Solving Polynomial Equations - Proving Polynomial Identities - The Remainder and Factor Theorem - Operations with Functions - Composition of Functions - Graphing Exponential Functions - Solving Exponential Equations, and	https://kahoot.it/challenge/06393820?challenge-id=9e5b6db0-daed-483f-86e8-e7f223ce7e81_1737036023242



	- Inequalities - Geometric Sequences and Series - Logarithms and Logarithmic Functions	
Grade 11	- Angles of Triangles - Congruent Triangles Proving Triangles Congruent – SSS, SAS, ASA, and AAS - Proving Right Triangles Congruent - Isosceles and Equilateral Triangles - Triangles and Coordinate Proof - Angles of Polygons - Parallelograms, Tests for Parallelograms - Dilations, Similar Polygons, Similar Triangles - Parallel Lines and Proportional Parts - Parts of Similar Triangles	https://kahoot.it/challenge/05246720?challenge-id=9e5b6db0-daed-483f-86e8-e7f223ce7e81_1737002568582
Grade 12	- Operations with Polynomial - Powers of Binomials - Dividing Polynomials - Solving Polynomial Equations - Proving Polynomial Identities - The Remainder and Factor Theorem - Operations with Functions - Composition of Functions - Graphing Exponential Functions - Solving Exponential Equations, and Inequalities - Geometric Sequences and Series - Logarithms and Logarithmic Functions	https://kahoot.it/challenge/06393820?challenge-id=9e5b6db0-daed-483f-86e8-e7f223ce7e81_1737036023242

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