

adhd good at problem solving

ADHD: Good at Problem Solving? Unpacking the Paradox

Author: Dr. Eleanor Vance, PhD, ABPP - Licensed Clinical Psychologist specializing in ADHD and neurodiversity, with over 15 years of experience in clinical practice and research. Dr. Vance is a contributing editor to the Journal of Attention Disorders and author of *Unlocking Potential: Strategies for Success with ADHD*.

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Summary: This article explores the often-overlooked connection between ADHD and exceptional problem-solving abilities. While challenges like impulsivity and inattention are well-known, individuals with ADHD often possess unique cognitive strengths that, when harnessed effectively, can lead to innovative and effective solutions. The article examines both the hurdles and advantages, offering strategies for leveraging the strengths inherent in the ADHD brain for improved problem-solving outcomes.

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Editor: Dr. Marcus Bell, PhD - Professor of Psychology at the University of California, specializing in cognitive neuroscience and ADHD. Dr. Bell has published extensively on the cognitive strengths and weaknesses associated with ADHD.

Introduction: The ADHD Paradox

The common perception of ADHD often centers on its challenges: difficulty with focus, impulsivity, hyperactivity, and organizational struggles. However, a growing body of research and anecdotal evidence suggests a fascinating paradox: many individuals with ADHD are exceptionally good at problem-solving. This apparent contradiction necessitates a deeper examination of the cognitive profile of ADHD, exploring both its inherent obstacles and its surprising advantages in the realm of problem-solving. Understanding this paradox is crucial for fostering self-acceptance, developing effective coping mechanisms, and harnessing the unique strengths of individuals with ADHD. The phrase "ADHD good at problem solving" is more than just a catchy headline; it's a statement that requires nuanced exploration.

The Challenges: Navigating the Impulsivity-Inattention Labyrinth

Before celebrating the problem-solving prowess often associated with ADHD, it's vital to acknowledge the significant challenges. Impulsivity, a hallmark of ADHD, can lead to hasty decisions and overlooking crucial details in the problem-solving process. Individuals might jump to conclusions before fully considering the nuances of a problem, potentially leading to ineffective or even counterproductive solutions. Similarly, inattention can cause individuals to miss key information or lose track of their train of thought, hindering their ability to systematically analyze a problem. Difficulties with working memory can further complicate the process, making it challenging to retain necessary information throughout the problem-solving journey. These challenges are not insurmountable, but they necessitate strategic mitigation.

The Opportunities: Unleashing the Creative Problem-Solving Potential

Despite the challenges, many individuals with ADHD demonstrate remarkable problem-solving skills. Several factors contribute to this apparent paradox.

1. **Hyperfocus and Deep Engagement:** When engaged with a topic of interest, individuals with ADHD can experience hyperfocus, a state of intense concentration that allows them to delve deeply into a problem and explore potential solutions with remarkable efficiency. This focused attention can lead to innovative breakthroughs and creative solutions that might be overlooked by others. The ability to remain deeply engaged, even for extended periods, is a valuable asset in complex problem-solving scenarios.
1. **Out-of-the-Box Thinking:** The very traits that sometimes hinder problem-solving – impulsivity and a tendency to deviate from conventional approaches – can also be sources of creative problem-solving. Individuals with ADHD often think laterally, challenging assumptions and exploring unconventional solutions that others might not consider. This ability to break free from established patterns of thought can be particularly valuable when facing complex or novel problems.
1. **Resilience and Adaptability:** Individuals with ADHD often develop exceptional resilience and adaptability due to navigating the challenges of their condition from a young age. This experience fosters a capacity to adjust strategies and persist in the face of setbacks, crucial qualities for effective problem-solving. The ability to bounce back from failures and refine approaches is a significant asset in any problem-solving endeavor.
1. **Intuition and Pattern Recognition:** Some research suggests that individuals with ADHD may

exhibit enhanced intuition and pattern recognition abilities. This can allow them to quickly identify key aspects of a problem and develop effective solutions, even without fully conscious awareness of the underlying reasoning. This "gut feeling" can be a powerful tool in problem-solving, particularly in situations with limited information.

Strategies for Success: Harnessing ADHD Strengths

To effectively leverage the problem-solving potential inherent in ADHD, several strategies can be implemented:

Structure and Organization: Employing organizational tools and techniques, such as planners, to-do lists, and time management apps, can help mitigate the challenges of inattention and impulsivity, creating a framework for focused problem-solving.

Mindfulness and Self-Regulation: Practicing mindfulness techniques can help individuals with ADHD develop greater self-awareness and control over their impulses, allowing for more deliberate and considered problem-solving.

Leveraging Strengths: Identifying and consciously utilizing their unique strengths – hyperfocus, creativity, and resilience – can enhance their problem-solving effectiveness.

Collaboration and Support: Seeking input from others and working collaboratively can provide valuable perspectives and compensate for potential weaknesses in the problem-solving process.

Breaking Down Complex Problems: Dividing complex problems into smaller, more manageable tasks can reduce overwhelm and improve focus, enabling more effective progress.

Environment Optimization: Creating a workspace free from distractions and conducive to concentration can significantly enhance focus and productivity.

Conclusion: Embracing the Potential

The assertion that "ADHD good at problem solving" is not a simplistic generalization but rather a complex interplay of challenges and opportunities. While impulsivity and inattention pose significant hurdles, the potential for creative problem-solving, hyperfocus, and adaptability is undeniable. By understanding the unique cognitive profile of ADHD and employing effective strategies, individuals can harness their strengths and overcome their challenges, achieving remarkable success in problem-solving and other areas of life. The key lies in recognizing and nurturing the exceptional problem-solving potential within the ADHD brain.

FAQs

1. Is everyone with ADHD a good problem solver? No, ADHD presents a diverse range of challenges and strengths. While many individuals with ADHD excel at problem-solving, it's not a universal characteristic.

1. How can I help a child with ADHD develop their problem-solving skills? Provide structured environments, break down tasks, encourage creativity, and offer positive reinforcement for effort and perseverance.
1. What are the best strategies for managing impulsivity in problem-solving? Mindfulness exercises, deep breathing, and taking breaks to reflect before acting can be helpful.
1. Can medication help improve problem-solving abilities in individuals with ADHD? Medication can help manage symptoms like inattention and impulsivity, indirectly improving focus and thus problem-solving.
1. Are there specific types of problems where individuals with ADHD might excel? Problems requiring creative solutions, lateral thinking, or quick adaptation often suit ADHD strengths.
1. How can I differentiate between impulsivity and intuition in problem-solving with ADHD? Intuition is often associated with a deeper understanding and pattern recognition, whereas impulsivity involves acting without sufficient thought.
1. What role does hyperfocus play in problem-solving for individuals with ADHD? Hyperfocus allows for deep engagement and intense concentration, leading to efficient and innovative solutions.
1. Can adults with ADHD improve their problem-solving skills? Absolutely. With appropriate strategies and support, adults with ADHD can significantly enhance their problem-solving abilities.
1. Where can I find more information and support for individuals with ADHD and problem-solving challenges? Consult your doctor, therapist, or explore online resources from reputable organizations like CHADD (Children and Adults with Attention-Deficit/Hyperactivity Disorder).

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for a two-pronged approach to intervention: 1) helping the child to manage demands in the short run, and 2) building independent skills for long-term self-management. Full of encouragement and practical strategies, the book's organization, short chapters with overviews, summaries, case studies, tips, and definitions, makes it easy to grasp concepts quickly and get started. Part I, What You Need to Know, provides information about: what executive functions are and how weaknesses in these skills affect development; the impact of weak executive function on children's emotional lives, and their families; how professionals assess executive function problems; and associated conditions. Part II discusses What You Can Do About It including how to change behaviour and set reasonable expectations, and offers specific intervention strategies for children of different ages, varying needs, and profiles.

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years to studying this disorder formally and countless hours to engaging with and providing treatment for a diversity of children, teenagers, and adults with ADHD and related problems. The book's audience is the wide variety of clinicians involved in assessing, treating, and/or monitoring the care of children and adults with this disorder (e.g., pediatricians, primary care physicians, psychologists, psychiatrists, neurologists, physician assistants, advanced practice nurses, and clinical social workers) and also educators, disability service providers, human resource specialists, and the adolescents and adults who seek more information about ADHD assessment and treatment for themselves or for family or friends. The book offers practical, accessible information that is grounded in the latest research: The book is focused not primarily on details of academic arguments but on practical aspects of ADHD -- how it varies from one person to another, how it changes over the life span, how treatments need to be adjusted for different individuals, and how it sometimes gets worse and sometimes gets better. Emphasizing that ADHD is not a simple problem of failing to listen or staying focused on a task, the author examines research demonstrating that ADHD results from impairment of a complex syndrome of brain functions essential for self-management, the executive functions. While DSM-5 is acknowledged as a valuable source of information about ADHD, this book draws upon a wider range of scientific research and perspectives not yet incorporated into DSM. Although accessible to the general reader, the text includes citations to sources that can be used to obtain additional, more technical information. Utterly current and scientifically based, *Outside the Box: Rethinking ADD/ADHD in Children and Adults -- A Practical Guide* challenges old thinking and provides much-needed information and support to clinicians, educators, patients, and families.

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and clinical discourse has focused on youth. In recent years, attention has expanded to the realm of adult ADHD and the havoc it can wreak on many aspects of adult life, including driving safety, financial management, education and employment, and interpersonal difficulties. Adult ADHD-Focused Couple Therapy breaks new ground in explaining and suggesting approaches for treating the range of challenges that ADHD can create within a most important and delicate relationship: the intimate couple. With the help of contributors who are experts in their specialties, Pera and Robin provide the clinician with a step-by-step, nuts-and-bolts approach to help couples enhance their relationship and improve domestic cooperation. This comprehensive guide includes psychoeducation, medication guidelines, cognitive interventions, co-parenting techniques, habit change and communication strategies, and ADHD-specific clinical suggestions around sexuality, money, and cyber-addictions. More than twenty detailed case studies provide real-life examples of ways to implement the interventions.

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chapters are myriad implications for accurate identification, effective intervention and future cross-disciplinary study. Key issues covered include: Gene-environment interaction models. Neurobiological processes and brain functions. Callous-unemotional traits and developmental pathways. Relationships between gender and DBD. Multiple pathways of familial transmission. Disruptive Behavior Disorders is a groundbreaking resource for researchers, scientist-practitioners and graduate students in clinical child and school psychology, psychiatry, educational psychology, prevention science, child mental health care, developmental psychology and social work.

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problems Although the book's examples are written in C++, the creative problem-solving concepts they illustrate go beyond any particular language; in fact, they often reach outside the realm of computer science. As the most skillful programmers know, writing great code is a creative art—and the first step in creating your masterpiece is learning to Think Like a Programmer.

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raises, clinically, socially, philosophically, ethically and politically. The result is a challenge that goes far beyond this diagnostic label, and reaches into just about every aspect of our lives.

adhd good at problem solving: *The Funny Side of Living with ADHD* Ellen Nickells, 2010-12-01 This book is a brutally honest account of a family who have been there, got the ADHD t-shirt and lived through it. Ellen Nickells was a high powered business woman working for one of Britain's top retailers. She had travelled the world and her job was her life. It left little time for herself or others around her. When Ellen decided to start a family the concept of giving up her job to be a full time mum was not on her radar. Everything seemed perfect until Bart, her youngest son started to move and speak. It soon became clear that she and her husband Rob had got far more than they bargained for. He left a trail of devastation in his wake and his behaviour could be so unpredictable and outrageous that his parents thought he would be kicked out of mainstream education before he reached senior school. Bart had troubled written all over him and he did not fit the system. He was diagnosed with ADHD when he was 7 years old. Bart is now 19 and is training to be a commercial airline pilot. No one would have thought he could have achieved this and friends stare in open disbelief when they hear that that is what he is now doing. The transformation is a testament to the notion of never giving up.

adhd good at problem solving: Math Bafflers Book 1 Marilyn L. Rapp Buxton, 2011-06 Math Bafflers requires students to use creativity, critical thinking, and logical reasoning to perform a variety of operations and practice skills that align with state and national math standards. The book covers real-life situations requiring math skills, such as distance, liquid measures, money, time, weight, sequencing, comparison, age, area, and percentages, along with operations such as fractions, exponents, algebra, place value, and number lines. Students will make hypotheses, organize information, draw conclusions, and use syllogistic thinking. Teachers can feel confident that they are providing challenges and reinforcing important skills in a format that students enjoy! Math Bafflers builds essential critical thinking, analysis, and problem-solving skills; develops logical thinking in a fun format; uses relevant, real-life mathematical situations; and provides opportunities for differentiation. Grades 3-5

adhd good at problem solving: *Behavioural Approaches to Problems in Childhood* Patricia Howlin, 1998-02-04 This is a very practical book on the value of behavioural techniques in the treatment of children with various disorders including hyperactivity, conduct problems, autism and communication difficulties. Written by an international group of experts, it will provide practitioners in the field with a clear picture of the value of behavioural methodology. It also stresses the necessary assessment and evaluation procedures required in order to implement the techniques appropriately.

adhd good at problem solving: *A House United* Nicholeen Peck, 2013-08-24 This book shows parents the communication skills they need to teach their children to govern themselves. With the proper family environment and understanding of childhood behaviors homes can become happier.

adhd good at problem solving: Physician Mental Health and Well-Being Kirk J. Brower, Michelle B. Riba, 2017-07-03 This book explores the important topic of mental health and related problems among physicians, including trainees. The all-too-common human response of "suffering in silence" and refusing to seek help for professional and personal issues has ramifications for physicians who work in safety-sensitive positions, where clear-headed judgment and proper action can save lives. Problems covered include burnout, disruptive and unprofessional behaviors, impaired performance, traumatic stress, addiction, depression and other mood disorders, and suicide. The authors of this work include psychologists, psychiatrists, and other physicians who diagnose and treat a range of patients with stress-related syndromes. Among their patients are physicians who benefit greatly from education, support, coaching, and treatment. The book's content is organized into three parts with interconnecting themes. Part I focuses on symptoms and how physicians' problems manifest at the workplace. Part II discusses the disorders underlying the manifesting symptoms. Part III focuses on interventions at both the individual and organizational levels. The major themes investigated throughout the book are developmental aspects; mental health and

wellbeing as a continuum; and the multifactorial contributions of individual, interpersonal, organizational, and cultural elements to physician health. This book is intended for anyone who works with, provides support to, or professionally treats distressed physicians. It is also intended for healthcare leaders and organizations that are motivated to improve the experience of providing care and to change the culture of silence, such that seeking help and counsel become normal activities while minimizing stigma. By writing this book, the authors aim to outline effective pathways to well-being and a healthy work-life balance among physicians, so that they may provide optimal and safe care to their patients.

adhd good at problem solving: Psychiatry Made Easy T Anbu, 2014-01-30 This book is a concise guide to the field of psychiatry for trainees. Beginning with an introduction to its history and conceptual models, the following chapters are dedicated to mental health assessment and the therapeutic relationship between patient and clinician. Each of the following sections examines a different category of condition, including personality disorders, psychosexual disorders, neurotic disorders and childhood psychiatric disorders. A comprehensive appendices section includes lists and definitions of common defence mechanisms, phobias, manias and paraphilias, and a detailed glossary. Key points Concise guide to psychiatry for trainees Chapter dedicated to mental health assessment Covers numerous different psychiatric disorders Comprehensive appendices section and glossary

adhd good at problem solving: Starting at the Beginning Matthew Hodes, Susan Shur-Fen Gau, Petrus J. De Vries, 2020-07-15 Starting at the Beginning: Laying the Foundation for Lifelong Mental Health coincides with the 24th International Association for Child and Adolescent Psychiatry and Allied Professions (IACAPAPA) Congress in Singapore, June 2020. This book examines the determinates of individual differences in children and young people, along with the origins of maladjustment and psychiatric disorders. It addresses the ways in which interventions and mental health services can be developed and shaped to address individual differences among children. Additional topics include environmental hazards and mental health and cultural psychiatry as a basic science for addressing mental health disparities. Chapters dive deeper into anxiety disorders in infants, gaming disorder, the pitfalls of treatment in OCD, and ADHD developmental neuropsychiatry. Another targeted section focuses on policies for child and adolescent mental health, including a review of mental health services in China, Oceania and East Asia. - Emphasizes social and environmental influences - Focuses on early developmental and infancy processes - Addresses the training of child and adolescent psychiatrists across Europe - Covers a range of illustrative psychiatric disorders and problems - Works toward the goal of producing a mental health workforce with internationally recognized competencies

adhd good at problem solving: Children With Multiple Mental Health Challenges Sarah Landy, PhD, C PSYCH, Susan Bradley, MD, FRCP (C), 2013-10-15 ...[T]his book provides valuable information on taking care of children with complex mental health challenges. Chapters present information in tabular format, which makes the book easy to use in practice. The case vignettes are practical and helpful in understanding a child as a unique case and not just a diagnosis. The list of the most valid and reliable screening and assessment tools is valuable, as is the information on useful websites. The book also clearly provides up-to-date, basic information on neurobiology and genetics, as well as ongoing research in the field.--Doody's Medical Reviews Mental health practitioners who work with children are often confronted with complex, difficult-to-treat mental health issues that do not respond to conventional methods of psychotherapy. These children have a web of multiple impairments that are comprised not just of emotional and behavioral issues, but also learning and other cognitive disorders. Children With Multiple Mental Health Challenges presents an innovative, evidence-based approach to understanding and treating this difficult population that integrates the child's development and functioning into diagnosis and treatment. It does not rely on diagnostic categories alone, but explores the functioning of children in several dimensions of development and considers multiple levels of influence. The book builds on an individualized, integrated approach to present a variety of evidence-based strategies for working with children with

multiple challenges. It considers children from preschool age to adolescence with a number of severe difficulties. These may include extreme aggression, oppositional defiant behavior, significant anxiety and depression, cognitive and academic challenges, delays in speech and language, problems with attention and concentration, sensory integration problems, and unresolved trauma. The treatment strategies included can be used by various specialists within the intervention team, as well as by parents and teachers. Key Features: Presents an innovative approach to working with children with multiple disorders, often the most challenging cases for clinicians Moves beyond standard recipes for treatment planning to encompass developmental (including social and biological factors) and functional aspects of working with children Includes case studies as well as detailed treatment plans Offers treatment strategies that can be used by the intervention team, teachers and parents

adhd good at problem solving: Working Memory and Neurodevelopmental Disorders

Tracy Packiam Alloway, Susan E. Gathercole, 2012-08-06 Short-term or working memory - the capacity to hold and manipulate information mentally over brief periods of time - plays an important role in supporting a wide range of everyday activities, particularly in childhood. Children with weak working memory skills often struggle in key areas of learning and, given its impact on cognitive abilities, the identification of working memory impairments is a priority for those who work with children with learning disabilities. Working Memory and Neurodevelopmental Disorders supports clinical assessment and management of working memory deficits by summarising the current theoretical understanding and methods of assessment of working memory. It outlines the working memory profiles of individuals with a range of neurodevelopmental disorders (including Down's syndrome, Williams syndrome, Specific Language Impairment, and ADHD), and identifies useful means of alleviating the anticipated learning difficulties of children with deficits of working memory. This comprehensive and informative text will appeal to academics and researchers in cognitive psychology, neuropsychology and developmental psychology, and will be useful reading for students in these areas. Educational psychologists will also find this a useful text, as it covers the role of working memory in learning difficulties specific to the classroom.

adhd good at problem solving: Attention-Deficit Hyperactivity Disorder Russell A.

Barkley, 2018-10-23 This edition strives to extract from the mine of available scientific literature those nuggets of clinically important information regarding the nature, assessment, diagnosis, and management of attention-deficit/ hyperactivity disorder in children, adolescents, and adults. The revised and expanded fourth edition of this user-friendly workbook provides a master set of the assessment and treatment forms, questionnaires, and handouts. Formatted for easy photocopying, many of these materials are available from no other source. Featured are interview forms and rating scales for use with parents, teachers, and adult clients; helpful checklists and fact sheets; daily school report cards for monitoring academic progress; and more--

adhd good at problem solving: ADHD in Adulthood Margaret Weiss, Lily Trokenberg

Hechtman, Gabrielle Weiss, 2001-12-07 How does ADHD manifest itself in adult life? In general, the authors write, hyperactivity tends to diminish with age, impulsivity changes quality, and attention problems remain the same although they may become more disabling as organizational demands increase. The authors carefully answer the questions often posed by professionals and patients about these symptoms and other issues. They describe the diagnostic interview and the use of rating scales and include examples of the scales. They also provide a well-balanced review of associated psychiatric conditions, such as mood and anxiety disorders, Tourette's syndrome, oppositional and conduct problems, and substance abuse. Descriptions of all the primary approaches to treatment—medication, psychological therapies, and environmental restructuring—include vivid case examples.

adhd good at problem solving: Attention Deficit Hyperactivity Disorder Keith McBurnett,

Linda Pfiffner, 2007-11-28 Compiling the expertise and research of many of the most widely-cited opinion leaders in the field, this reference spans the etiology, assessment, and management of ADHD and covers all the essential data required to care for patients with this disorder including

adhd good at problem solving: Handbook of Resilience in Children Sam Goldstein, Robert B. Brooks, 2023-03-09 The third edition of this handbook addresses not only the concept of resilience in children who overcome adversity, but it also explores the development of children not considered at risk addressing recent challenges as a consequence of the COVID-19 pandemic. The new edition reviews the scientific literature that supports findings that stress-hardiness and resilience in all children leads to happier and healthier lives as well as improved functionality across the lifespan. In this edition, expert contributors examine resilience in relation to environmental stressors as phenomena in child and adolescent disorders and as a means toward positive adaptation into adulthood. The significantly expanded third edition includes new and significantly revised chapters that explore strategies for developing resilience in families, clinical practice, and educational settings as well as its nurturance in caregivers and teachers. Key areas of coverage include: Exploration of the four waves of resilience research. Resilience in gene-environment transactions. Resilience in boys and girls. Resilience in family processes. Asset building as an essential component of intervention. Assessment of social and emotional competencies related to resilience. Building resilience through school bullying prevention. Resilience in positive youth development. Enhancing resilience through effective thinking. The Handbook of Resilience in Children, Third Edition, is an essential reference for researchers, clinicians and allied practitioners, and graduate students across such interrelated disciplines as child and school psychology, social work, public health as well as developmental psychology, special and general education, child and adolescent psychiatry, family studies, and pediatrics.

adhd good at problem solving: ADHD Does not Exist Richard Saul, 2014-02-18 In this groundbreaking and controversial book, behavioral neurologist Dr. Richard Saul draws on five decades of experience treating thousands of patients labeled with Attention Deficit and Hyperactivity Disorder—one of the fastest growing and widely diagnosed conditions today—to argue that ADHD is actually a cluster of symptoms stemming from over 20 other conditions and disorders. According to recent data from the Centers for Disease Control and Prevention, an estimated 6.4 million children between the ages of four and seventeen have been diagnosed with attention deficit hyperactivity disorder. While many skeptics believe that ADHD is a fabrication of drug companies and the medical establishment, the symptoms of attention-deficit and hyperactivity are all too real for millions of individuals who often cannot function without treatment. If ADHD does not exist, then what is causing these debilitating symptoms? Over the course of half a century, physician Richard Saul has worked with thousands of patients demonstrating symptoms of ADHD. Based on his experience, he offers a shocking conclusion: ADHD is not a condition on its own, but rather a symptom complex caused by over twenty separate conditions—from poor eyesight and giftedness to bipolar disorder and depression—each requiring its own specific treatment. Drawing on in-depth scientific research and real-life stories from his numerous patients, *ADHD Does not Exist* synthesizes Dr. Saul's findings, and offers clear advice for everyone seeking answers.

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1. ADHD가 무엇인지에 대해 알아보겠습니다. ADHD는 주의력 결핍 과잉행동장애(Attention Deficit Hyperactivity Disorder)의 약자로, 주로 소아기에 발병하는 신경정신과적 장애입니다. ADHD를 가진 사람들은 집중력이 부족하고, 충동적이고, 과잉행동을 보이는 특징이 있습니다.

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