

Mike Mentzer Training Split

Mike Mentzer Training Split: Unlocking the Power of High-Intensity Training

Mike Mentzer training split is a workout approach that stands out in the world of bodybuilding for its focus on intensity over volume. Mike Mentzer, a legendary figure in the bodybuilding community, revolutionized training methods by advocating for brief, intense workouts paired with ample recovery time. If you've ever wondered how to maximize muscle growth while minimizing time spent in the gym, understanding the Mike Mentzer training split could be a game changer.

The Philosophy Behind Mike Mentzer Training Split

Mike Mentzer's training philosophy is rooted in the concept of High-Intensity Training (HIT). Unlike traditional routines that emphasize multiple sets and frequent gym visits, Mentzer's method champions performing fewer sets but pushing each set to absolute muscular failure. The idea is that muscles grow when they are pushed beyond their limits and given sufficient time to recover and adapt.

Mentzer believed that overtraining was a common mistake many lifters made. His approach was counterintuitive at the time: train hard, but train less often. This not only reduces the risk of burnout and injury but also allows the body to repair and build muscle more effectively.

Understanding the Mike Mentzer Training Split

The Mike Mentzer training split is distinctive for its low-frequency, high-intensity sessions. Instead of working the same muscle groups multiple times per week, Mentzer's routine typically involves training each muscle group once every several days, sometimes even once per week or more.

Typical Workout Structure

Mentzer's split usually breaks down the body into major muscle groups trained individually or in pairs during short sessions. A common example might look like this:

- **Day 1:** Chest and Back

- **Day 2:** Rest or light cardio
- **Day 3:** Shoulders and Arms
- **Day 4:** Rest
- **Day 5:** Legs
- **Day 6 & 7:** Rest

This layout emphasizes maximal effort during the workout with long rest periods afterward. Each session is brief, often lasting less than 45 minutes, but extremely demanding.

Key Principles of the Split

- **One Set to Failure:** Mentzer advocated that one all-out set per exercise is sufficient if performed with perfect form and maximal effort.
- **Infrequent Training:** Muscles require 4-7 days of recovery due to the intensity, which is a significant departure from typical bodybuilding splits.
- **Focus on Compound Movements:** Exercises like squats, bench press, and deadlifts take center stage to work multiple muscle groups efficiently.
- **Quality Over Quantity:** The goal is to reach momentary muscular failure quickly rather than performing numerous sets with less intensity.

Benefits of the Mike Mentzer Training Split

Choosing Mike Mentzer's training style offers several advantages, especially for those seeking efficient and effective workouts.

Time Efficiency

Mentzer's split is perfect for people who want to avoid spending hours in the gym. The intense nature of the workouts means fewer sets and fewer days training overall, freeing up time for other activities without sacrificing progress.

Reduced Risk of Overtraining

Because the workouts are so demanding, the extended rest periods in Mentzer's split help prevent overtraining. Overtraining can lead to fatigue, injury, and stalled progress, so his method supports long-term sustainability.

Promotes Muscle Growth Through Intensity

By pushing muscles to failure in a controlled manner, the body is signaled to adapt by growing stronger and bigger. This intensity-driven approach can lead to impressive hypertrophy results when paired with proper nutrition and recovery.

Implementing the Mike Mentzer Training Split in Your Routine

If you're curious about trying this training method, it's essential to approach it with care and respect for its intensity.

Start Slow and Focus on Form

Because each set is performed to failure, it's crucial to prioritize technique to avoid injury. Begin with lighter weights to master the form before increasing intensity.

Ensure Adequate Rest and Recovery

Don't underestimate the importance of rest days. Mentzer's split requires patience, as gains happen during recovery, not just during workouts.

Listen to Your Body

This training style isn't for everyone. Some people may find the intensity overwhelming or may need more frequent training. Adjust the volume and frequency based on how your body responds.

Sample Mike Mentzer Training Split Workout

- **Chest and Back:**

- Incline Bench Press – 1 set to failure
- Weighted Dips – 1 set to failure
- Pull-Ups or Lat Pulldown – 1 set to failure
- Bent-Over Rows – 1 set to failure

- **Shoulders and Arms:**

- Overhead Press – 1 set to failure
- Barbell Curl – 1 set to failure
- Tricep Pushdowns – 1 set to failure

- **Legs:**

- Squats – 1 set to failure
- Leg Curls – 1 set to failure
- Calf Raises – 1 set to failure

Common Misconceptions About Mike Mentzer Training Split

It's worth addressing some myths to better understand and appreciate the effectiveness of Mentzer's method.

“You Need to Train Every Day for Growth”

Mentzer's split challenges this belief by showing that strategic, less

frequent training can yield substantial gains. The key is intensity, not frequency.

“One Set Isn’t Enough”

While many assume multiple sets are necessary, Mentzer demonstrated that one well-executed set to failure could stimulate muscle growth effectively, especially for advanced lifters.

“This Training Style Is Only for Advanced Bodybuilders”

Although intense, beginners can adapt Mentzer’s principles by adjusting weights and rest periods. The focus on recovery and quality is beneficial for all levels when properly managed.

Integrating Nutrition and Recovery with the Mentzer Split

High-intensity training demands adequate fuel and rest. You can’t expect your muscles to grow if you’re not eating enough or sleeping well.

Focus on Protein Intake

To support muscle repair, aim for a balanced diet rich in protein, healthy fats, and complex carbohydrates. Protein is particularly crucial for muscle synthesis following intense sessions.

Prioritize Sleep

Sleep is when much of the recovery and growth happens. Mentzer’s approach relies heavily on rest, so getting 7-9 hours of quality sleep per night is essential.

Use Active Recovery

On rest days, consider light activities such as walking or stretching to promote blood flow without straining your muscles.

Is the Mike Mentzer Training Split Right for You?

If you're someone who struggles with time constraints, frequently feels overtrained, or wants a fresh perspective on building muscle, trying out the Mike Mentzer training split could be an enlightening experiment. Its focus on intensity, recovery, and efficiency provides a compelling alternative to traditional high-volume bodybuilding routines.

Remember, the best training split is one that fits your lifestyle, goals, and body's response. Whether you fully adopt Mentzer's principles or integrate parts of his philosophy into your current plan, the emphasis on quality over quantity is a timeless lesson in effective training.

Frequently Asked Questions

What is the Mike Mentzer training split?

The Mike Mentzer training split is a high-intensity training routine that emphasizes brief, infrequent, and intense workouts with ample rest days, often involving full-body or upper/lower body splits performed 1-3 times per week.

How many days per week did Mike Mentzer recommend training?

Mike Mentzer recommended training as little as once every 4 to 7 days, allowing the body sufficient time to recover and grow stronger between sessions.

What type of exercises are included in the Mike Mentzer training split?

The training split typically includes compound exercises such as squats, deadlifts, bench presses, and rows, focusing on heavy weights and low repetitions to maximize intensity.

How does the Mike Mentzer training split differ from traditional bodybuilding routines?

Unlike traditional routines that often involve training multiple body parts frequently per week, Mentzer's split emphasizes maximum intensity with minimal volume and longer rest periods to optimize recovery and muscle growth.

Is the Mike Mentzer training split suitable for beginners?

While effective, the high intensity and low volume approach may be challenging for beginners; it is often recommended for intermediate to advanced trainees who understand proper form and recovery.

What are the benefits of following the Mike Mentzer training split?

Benefits include improved muscle recovery, reduced risk of overtraining, increased workout efficiency, and potentially greater muscle growth due to the emphasis on intensity and rest.

Can the Mike Mentzer training split be customized?

Yes, the training split can be adjusted based on individual recovery rates, goals, and experience level, but the core principles of high intensity and adequate rest should be maintained for optimal results.

Additional Resources

****Mike Mentzer Training Split: An Analytical Review of High-Intensity Training Principles****

Mike Mentzer training split represents a distinctive approach to bodybuilding that diverges significantly from traditional high-volume routines. Rooted in the philosophy of High-Intensity Training (HIT), Mentzer's methodology advocates for brief, infrequent, yet extremely intense workouts designed to maximize muscle growth while minimizing the risk of overtraining. This article offers a comprehensive examination of the Mike Mentzer training split, exploring its foundational principles, structure, and practical implications for athletes seeking efficient and scientifically grounded training protocols.

Understanding the Foundations of Mike Mentzer Training Split

Mike Mentzer's training philosophy emerged in the late 1970s and early 1980s, challenging the conventional wisdom of high-frequency, high-volume bodybuilding regimens. His training split is predicated on the idea that muscle growth is stimulated primarily through intensity rather than volume. By emphasizing brief sessions with maximum effort and focusing on adequate recovery, Mentzer argued that bodybuilders could achieve superior hypertrophy and strength gains without the fatigue and burnout commonly associated with

traditional routines.

At the core of Mentzer's approach is the concept of training to momentary muscular failure—performing repetitions until no further movement is possible without assistance. This principle is integrated into his training split, which typically involves working each muscle group intensely but infrequently, allowing for full recuperation before the next session.

Key Components of Mentzer's Training Split

The Mike Mentzer training split is often characterized by the following elements:

- **Low frequency:** Training sessions are spaced to allow optimal recovery, often involving only two to three workouts per week.
- **High intensity:** Each set is performed with maximum effort, often to failure, focusing on slow, controlled movements to maximize muscle fiber recruitment.
- **Minimal volume:** The number of sets per muscle group is drastically reduced compared to traditional bodybuilding routines, typically involving just one or two sets per exercise.
- **Full-body or split routines:** Mentzer experimented with both full-body workouts and split routines, with a preference toward full-body workouts for beginners and advanced splits for experienced trainees.

The Structure of Mike Mentzer Training Split

Mentzer's training split can vary depending on the trainee's level of experience and recovery capacity, but the general structure emphasizes brevity and focus. One of his most well-known routines, the "Heavy Duty" training split, illustrates this approach effectively.

Heavy Duty Training Split Overview

The Heavy Duty split typically divides training into three main sessions per week, with each day dedicated to different muscle groups, allowing for thorough recovery:

1. **Day 1: Chest, Back, and Abs** – Focused on compound movements such as bench press and pulldowns, performed with maximum intensity.
2. **Day 2: Legs** – Concentrating on squats, leg presses, and hamstring curls, with emphasis on slow eccentric phases.
3. **Day 3: Shoulders, Arms, and Calves** – Isolation exercises targeting deltoids, biceps, triceps, and calves, again performed to failure.

Each workout typically involves one to two sets per exercise, with a strong focus on perfect form and controlled tempo. Rest periods between sets are longer than conventional routines, often spanning several minutes, to ensure the athlete can maintain peak performance in each set.

Full-Body Training Split Variant

For beginners or those new to Mentzer's principles, a full-body workout performed two to three times a week is often recommended. This variant includes:

- One set per major muscle group
- Emphasis on compound lifts (e.g., squats, deadlifts, bench press)
- Extended rest days to allow full recovery

This setup allows trainees to develop a foundational strength base while adapting to the high-intensity, low-volume nature of Mentzer's philosophy.

Analyzing the Effectiveness of Mike Mentzer Training Split

The Mike Mentzer training split has attracted both fervent supporters and critics within the fitness community. Its effectiveness hinges on the balance between intensity and recovery, which can vary significantly between individuals.

Pros of Mike Mentzer Training Split

- **Efficient use of time:** The low volume and fewer sessions make it appealing for individuals with limited time.
- **Reduced risk of overtraining:** Extended rest periods help prevent fatigue and injury.
- **Focus on intensity:** Training to failure can maximize muscle fiber recruitment, potentially leading to greater hypertrophy.
- **Scientific grounding:** Mentzer's approach is based on physiological principles related to muscle recovery and growth.

Cons and Limitations

- **High mental and physical demand:** Training to failure requires significant effort and can be psychologically taxing.
- **Not suitable for everyone:** Beginners may struggle with the intensity or require more volume initially.
- **Risk of improper form:** Pushing to failure without proper technique can increase injury risk.
- **Limited exercise variety:** The focus on minimal sets may reduce exercise diversity, potentially neglecting certain muscle groups.

Comparison with Traditional Training Splits

Traditional bodybuilding splits often involve training muscle groups multiple times per week with several sets and exercises, emphasizing volume over intensity. In contrast, the Mike Mentzer training split prioritizes quality over quantity.

Research on hypertrophy suggests that both volume and intensity are critical factors. Mentzer's approach aligns with the principle that intensity can compensate for lower volume, but results may depend on individual recovery abilities and genetic predispositions.

Implementing Mike Mentzer Training Split in

Modern Workouts

Adopting Mentzer's training split today requires careful consideration of personal goals, recovery capacity, and training experience. Modern athletes might integrate elements of his philosophy into their routines by:

- Incorporating high-intensity sets with adequate rest periods
- Reducing total weekly training volume to prevent overtraining
- Monitoring recovery through subjective and objective measures
- Customizing split schedules to accommodate lifestyle and work demands

Additionally, advances in exercise science suggest that combining Mentzer's intensity-focused approach with periodization and varied training stimuli may optimize outcomes for many individuals.

Practical Tips for Success

- Focus on mastering exercise technique before increasing intensity
- Prioritize nutrition and sleep to support recovery
- Track training progress to identify signs of overtraining or stagnation
- Consider professional guidance when attempting high-intensity training

The Mike Mentzer training split, while unconventional by today's standards, continues to offer valuable insights into the mechanics of muscle growth and recovery. Its emphasis on intensity and recuperation challenges mainstream paradigms and encourages a more individualized approach to strength training.

By integrating the core concepts of Mentzer's methodology with contemporary training knowledge, athletes can tailor their workouts to achieve efficient and sustainable progress. Whether used in full or adapted form, the Mike Mentzer training split remains a noteworthy model for those seeking an alternative to high-volume bodybuilding routines.

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mike mentzer training split: Mike Mentzer's High Intensity Training Mick Southerland, 2024-01-05 Dive into Mike Mentzer's High Intensity Training, a holistic guide that transcends typical workout manuals by integrating fitness principles into every aspect of your life. This book, grounded in Mike Mentzer's innovative approach to High Intensity Training (HIT) and the Heavy Duty program, places a strong emphasis on the importance of nutrition, reflecting Mentzer's belief in the synergy between diet and exercise for fitness success. Inside, you'll discover a detailed nutrition plan that perfectly complements your training regimen, highlighting the interplay between diet and physical activity. But this guide goes beyond nutrition and exercise. It encourages a comprehensive view of well-being, incorporating elements of stress management, active recovery, and daily practices in line with HIT philosophies. Learn about the transformative impact of consistency in your routines, adapt exercises to align with your fitness objectives, and gain deep insights into advanced HIT techniques, all informed by Mentzer's expertise. Mike Mentzer's High Intensity Training is more than just a physical transformation manual; it's a framework for cultivating mental strength, fostering a resilient mindset, and rejuvenating your spirit. Suitable for both fitness veterans and newcomers, this book is an indispensable resource for a complete HIT approach, paving the way to wellness both in and outside the gym. Embark on an enlightening journey into High Intensity Training and explore its extensive influence on your overall health and well-being.

mike mentzer training split: Mike Mentzer's Heavy Duty Training and High Intensity Training (HIT) Mick Southerland, 2023-12-18 Mike Mentzer's Heavy Duty Training and High Intensity Training (HIT) is a comprehensive exploration of one of the most influential training philosophies in bodybuilding. Authored by renowned fitness experts, this book delves into the principles and practices of Mike Mentzer, the legendary bodybuilder and architect of the Heavy Duty training method. This insightful volume begins with a detailed overview of Mentzer's life, tracing his journey from a passionate bodybuilder to an iconic figure in the fitness industry. It provides a deep understanding of his philosophical foundation, emphasizing the importance of high intensity over volume in workouts. The book meticulously outlines the principles of Mentzer's training approach, focusing on the role of intensity, progressive overload, and the often-overlooked aspect of recovery in muscle growth. Structured to cater to practitioners of all levels, the book offers specific workout splits and routines for beginners, intermediates, and advanced bodybuilders. Each section presents detailed day-by-day workout plans, including exercises, sets, reps, and guidance on execution. For advanced practitioners, the book introduces more intensive techniques, such as drop sets and rest-pause, demonstrating how to push muscles beyond their limits. The book also addresses critical aspects of avoiding overtraining, emphasizing the importance of rest and recovery, in line with Mentzer's teachings. It acknowledges the role of cardio and flexibility, offering advice on balancing these with weight training. The final chapters encourage readers to adapt and experiment with these principles, ensuring their relevance in today's fitness landscape. Mike Mentzer's Heavy Duty Training and High Intensity Training (HIT) is more than just a book; it's a tribute to a legendary figure and a testament to a training philosophy that has shaped the world of bodybuilding.

mike mentzer training split: Mike Mentzer John Little, 2025-05-20 Bodybuilding's foremost nonconformist and strikingly handsome intellectual, Mike Mentzer, rose to the top of his sport despite opposition from industry insiders like rival Schwarzenegger. Written by his close friend of two decades, Mike Mentzer: American Odysseus chronicles Mentzer's journey in a fiercely competitive world to become one of the most iconic bodybuilders of all time. REBEL. PHILOSOPHER. BODYBUILDING ICON. Mike Mentzer was a strikingly handsome man with a brilliant mind and a "perfect" physique — the first bodybuilder to receive a perfect score in both amateur and professional competitions. In the late '70s, Mentzer rose to the very top of his sport (despite the efforts made by industry power brokers, such as Arnold Schwarzenegger), was featured in GQ magazine, and profiled on national television. But he was also a man who wrestled with

mental illness his entire life and ended up living on the streets and being sent to prison. Just when it seemed his career was over, he found it within himself to reboot his intellect and revolutionize bodybuilding training, arguing bodybuilders should not forsake their mental development in favor of developing their bodies. He became a pariah in the fitness industry (which only cared about selling supplements and other products) but a hero to legions of fans who earnestly sought truth. Mike Mentzer: American Odysseus is the first biography of Mike Mentzer to appear in North America written by his close friend of 21 years, John Little, "one of the leading fitness researchers in North America" (Iron Man magazine). Drawing upon audio recordings, letters, diary excerpts, as well as interviews with those closest to him, this is the true story of one man who stood up to an entire industry — and paid the ultimate price.

mike mentzer training split: High-Intensity Training the Mike Mentzer Way Mike Mentzer, John Little, 2002-12-13 A PAPERBACK ORIGINAL High-intensity bodybuilding advice from the first man to win a perfect score in the Mr. Universe competition This one-of-a-kind book profiles the high-intensity training (HIT) techniques pioneered by the late Mike Mentzer, the legendary bodybuilder, leading trainer, and renowned bodybuilding consultant. His highly effective, proven approach enables bodybuilders to get results--and win competitions--by doing shorter, less frequent workouts each week. Extremely time-efficient, HIT sessions require roughly 40 minutes per week of training--as compared with the lengthy workout sessions many bodybuilders would expect to put in daily. In addition to sharing Mentzer's workout and training techniques, featured here is fascinating biographical information and striking photos of the world-class bodybuilder--taken by noted professional bodybuilding photographers--that will inspire and instruct serious bodybuilders and weight lifters everywhere.

mike mentzer training split: Jim Stoppani's Encyclopedia of Muscle & Strength, 2E Stoppani, Jim, 2014-10-01 Whether you seek fat loss and lean muscle development or mass development and strength improvement, this comprehensive guide with 382 exercises and 116 ready-to-use workouts featuring the most popular training equipment (free weights, TRX, BOSU, kettlebells, and body weight) will position you for success.

mike mentzer training split: Jim Stoppani's Encyclopedia of Muscle & Strength Jim Stoppani, 2014-10-17 Finally, a research-based book that covers all facets of optimizing the development of muscle and strength. Jim Stoppani's Encyclopedia of Muscle & Strength, Second Edition, is a comprehensive training guide and reference that provides * definitions of key terms and concepts; * evaluations of equipment options, including TRX, BOSU, and kettlebells; * explanations of the role and importance of each muscle group; * latest nutrition information for losing fat and increasing muscle mass; * presentations of the best exercises, including body weight, for adding strength and mass; and * descriptions and examples of many types of workouts and programs and their effects. Choose from 381 exercises presented for 13 muscle groups and the whole body. Proper technique for each exercise is tailored to the type of resistance used, be it free weights, weight machines, or body weight. Plus, each of the 116 training programs is rated according to workout duration, the projected time frame for achieving measurable results, level of difficulty, and overall effectiveness. Past Muscle & Fitness senior science editor Jim Stoppani covers each topic in detail. His advice will help you conquer any problem or plateau you encounter. So build your knowledge base to build a better body. Jim Stoppani's Encyclopedia of Muscle & Strength is the ultimate resource for pinpointing and achieving the results you're seeking.

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mike mentzer training split: Rotation For Recuperation Dennis B. Weis, 2021-12-23 The Rotation For Recuperation System divides the muscle groups into 3 separate and distinct classifications. Classification 1 includes the muscle groups of the chest (major) and the deltoids and

triceps (minor). Classification 2 includes the thighs (major, quadriceps) and the calf (minor, gastro and soleus) and abs (minor). Classification 3 includes the back (major; trapezius, latissimus, and spinae erectors) thighs (major, hamstrings) upper arm biceps, and the forearms (minor). The rotation for recuperation system classifications are a carefully planned anti-stress grouping of the ratio of major to minor muscle groups in a particular day's training schedule. The training frequency follows the 1 day on/1 day off sequence.

mike mentzer training split: 101 Fitness Myths Maik Wiedenbach, 2014-07-15 From celebrity personal trainer & New York University professor Maik Wiedenbach, 101 FITNESS MYTHS cuts to the truth about the popular fitness fads and false information that have been misleading athletes from getting visible and lasting results from their workouts and diets. 101 FITNESS MYTHS tackles common fitness myths that you've heard of such as: "You can reduce body fat in a spot", "Women should not lift weights because it will make them bulky", "Fat burners will get me lean", and "Steroid replacements are just as good as steroids." Through the e-book, Maik skillfully provides you with the scientific knowledge and proper skills necessary to successfully achieve your dream body.

mike mentzer training split: The New High Intensity Training Ellington Darden, 2004-10-01 Presents the high intensity training philosophy with key training points, a specialized two-week course for developing certain areas of the body, a nutrition plan for boosting body mass, and stories of well-known HIT users.

mike mentzer training split: DR HIT's Effective High Intensity Variables David Groscup, 2012-10-11 This guide outlines advanced HIT, high intensity training techniques based on scientific research which will allow the reader to maximize the results of his or her bodybuilding training. oper use of these techniques will enable trainees to gain the maximum amount of muscle in the least amount of time without using dangerous drugs or growth hormones. All of these variables are equally effective whether used with barbells, dumbbells or selectorized machines. With the information in this manual it is possible to train as little as 30-60 minutes per week and gain the most muscle growth that your genetics allow. Everything is explained in easy-to-follow detail. David Groscup has over 35 years of HIT training experience and is certified by the International Association of Resistance Trainers(IART) as a High Intensity Training Specialist.

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mike mentzer training split: DR HIT's Ultimate Bodybuilding Guide: Arms David Groscup, 2012-12-05 This guide uses techniques like forced reps,negative-accentuated,super contractions,specialized holds,partial reps,confusion training,and much more, to give the beginning bodybuilder as well as the advanced bodybuilding enthusiast alike the most practical, scientifically-based method to build award-winning arms quickly! The author introduces the reader

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mike mentzer training split: Physiology of Exercise Dr. Shyamlal Koley, 2020-11-19 The book is written as per the revised syllabus, prescribed by N.C.T.E for Master of Physical Education. The focus behind this book is to provide adequate source of information to the students and language of the book is simple and easy to understand. Topics: UNIT I - Skeletal Muscles and Exercise Macro & Micro Structure of the Skeletal Muscle, Chemical Composition. Sliding Filament theory of Muscular Contraction. Types of Muscle fibre. Muscle Tone, Chemistry of Muscular Contraction - Heat Production in the Muscle, Effect of exercises and training on the muscular system. UNIT II - Cardiovascular System and Exercise Heart Valves and Direction of the Blood Flow - Conduction System of the Heart - Blood Supply to the Heart - Cardiac Cycle - Stroke Volume - Cardiac Output - Heart Rate - Factors Affecting Heart Rate - Cardiac Hypertrophy - Effect of exercises and training on the Cardio vascular system. UNIT III - Respiratory System and Exercise Mechanics of Breathing - Respiratory Muscles, Minute Ventilation - Ventilation at Rest and During Exercise. Diffusion of Gases - Exchange of Gases in the Lungs - Exchange of Gases in the Tissues - Control of Ventilation - Ventilation and the Anaerobic Threshold. Oxygen Debt - Lung Volumes and Capacities - Effect of exercises and training on the respiratory system. UNIT IV - Metabolism and Energy Transfer Metabolism - ATP - PC or Phosphagen System - Anaerobic Metabolism - Aerobic Metabolism - Aerobic and Anaerobic Systems during Rest and Exercise. Short Duration High Intensity Exercises - High Intensity Exercise Lasting Several Minutes - Long Duration Exercises. UNIT V - Climatic conditions and sports performance and ergogenic aids Variation in Temperature and Humidity - Thermoregulation - Sports performance in hot climate, Cool Climate, high altitude. Influence of: Amphetamine, Anabolic steroids, Androstenedione, Beta Blocker, Choline, Creatine, Human growth hormone on sports performance. Narcotic, Stimulants: Amphetamines, Caffeine, Ephedrine, Sympathomimetic amines. Stimulants and sports performance.

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mike mentzer training split: Challenge Yourself Clarence Bass, 1999

mike mentzer training split: Max Contraction Training John R. Little, 2004 The breakthrough new fitness program for readers who want big gains in little time. The Max Contraction Training program maximizes muscle fiber stimulation in the shortest amount of time--leading to faster workouts and more impressive gains.

mike mentzer training split: Ironman's Ultimate Guide to Building Muscle Mass Peter Sisco, Ironman Magazine, 2000 This how-to guide from the pages of Ironman magazine includes the best mass building routines of the greatest bodybuilders so readers can get the maximum, proven results.

mike mentzer training split: How to Run Your First Marathon Ardy Friedberg, 1982 A training program for first-time marathoners of all ages.

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