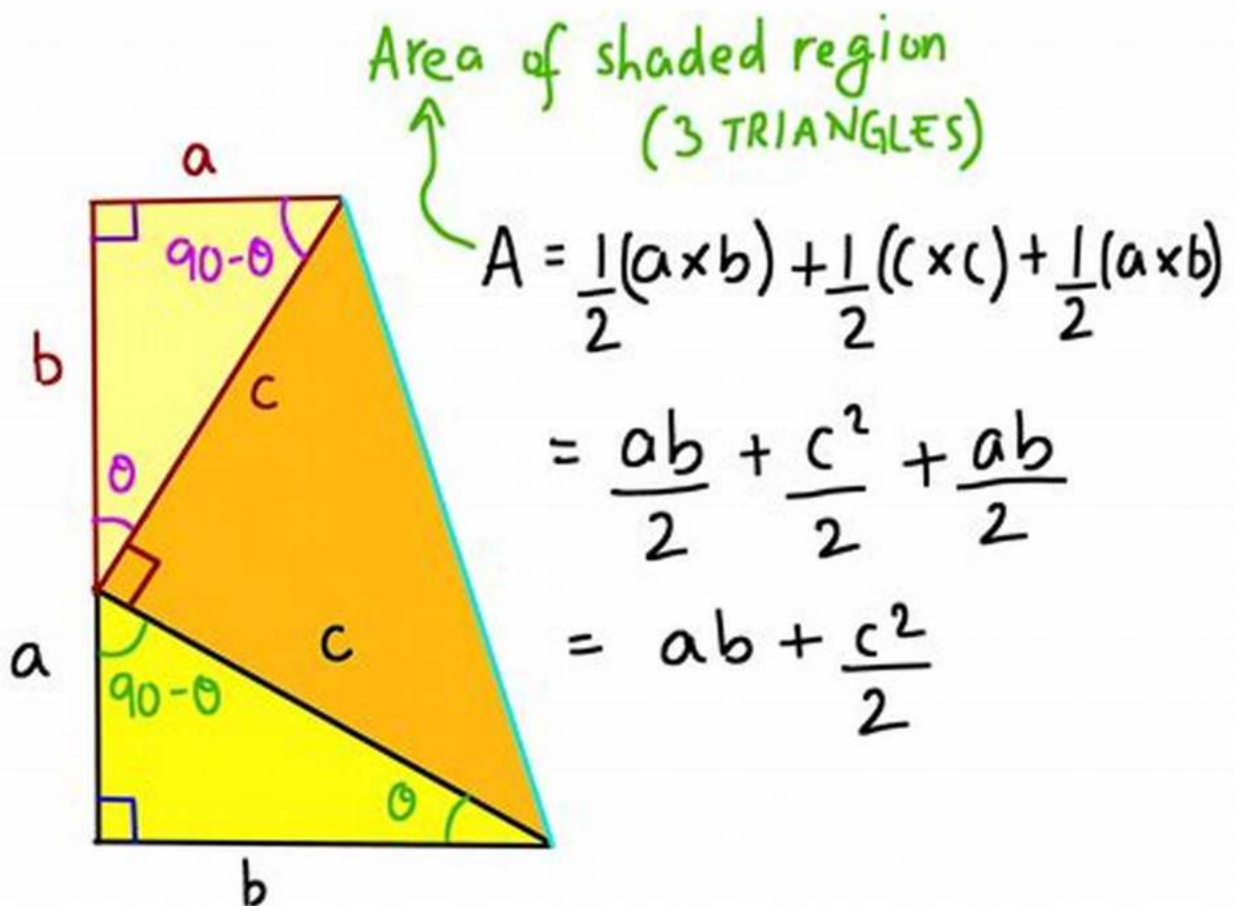


Discover the Top 100 Principles of Mathematics and Science in Hindi - Ganit Aur Vigyan Ke 100 Sidhant!

Are you fascinated by the world of mathematics and science? Do you want to expand your knowledge and explore the principles that govern these subjects? Well, you're in luck! In this article, we will delve into the fascinating world of "Ganit Aur Vigyan Ke 100 Sidhant" (100 Principles of Mathematics and Science in Hindi).

1. Sidhant 1: Pythagoras Ka Theorem



Pythagoras Ka Theorem is one of the fundamental principles of mathematics. It states that in a right-angled triangle, the square of the hypotenuse (the side opposite the right angle) is equal to the sum of the squares of the other two sides. This theorem has numerous applications in various fields, including geometry, engineering, and physics.



Ganit Aur Vigyan Ke 100 Sidhant (Hindi)

by Rajesh Kumar Thakur (Kindle Edition)

★★★★☆ 4.1 out of 5

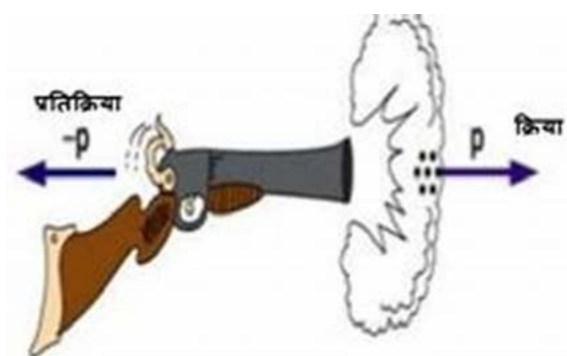
Language : Hindi
File size : 5488 KB
Text-to-Speech : Enabled
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2. Sidhant 2: Newton Ka Gati Sutra



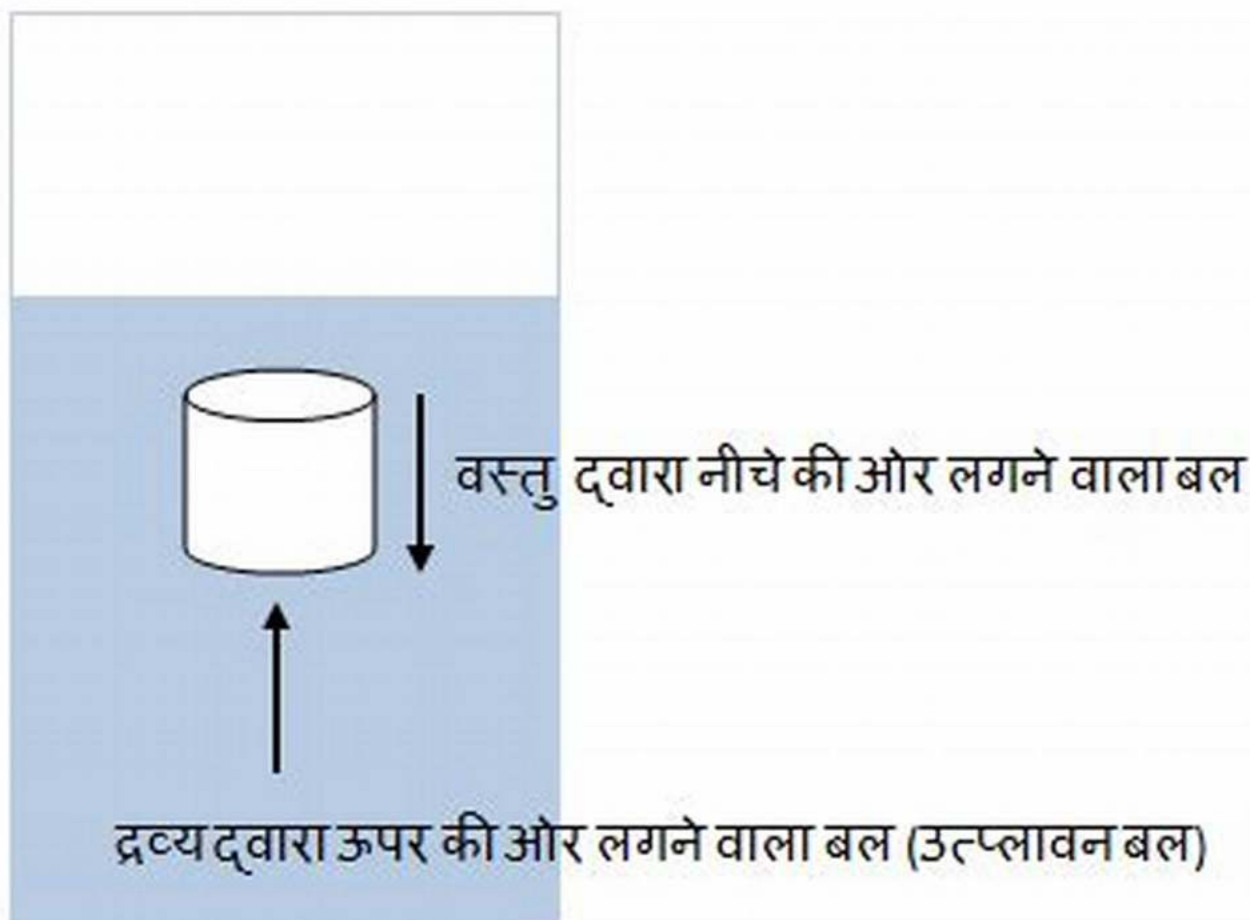
बंदूक चलाने पर बंदूक का पीछे की ओर आना



नांव से उतरते वक़्त प्रतिक्रिया बस द्वारा नांव का पीछे की ओर जाना।

Newton Ka Gati Sutra or Newton's Laws of Motion laid the foundation for classical mechanics. The three laws describe the relationship between the motion of an object and the forces acting upon it. These principles revolutionized the study of physics and have practical applications in everyday life, from car accidents to space expeditions.

3. Sidhant 3: Archimedes Ka Samudra Kaas Siddhant



Archimedes Ka Samudra Kaas Siddhant or Archimedes' Principle explains the buoyant force experienced by an object immersed in a fluid. It states that an object submerged in a fluid experiences an upward force equal to the weight of the fluid displaced by the object. This principle is essential in understanding the

concept of buoyancy and is used in various applications, such as shipbuilding and determining the purity of metals.

4. Sidhant 4: Avogadro Ka Saman Siddhant

Avogadro's Number

$$6.02 \times 10^{23}$$

Avogadro's number is the number of atoms⁺ in a 12 gram sample of carbon-12.

1 mole
= 6.02×10^{23}

a.k.a.
Avogadro's
Number (N_A)



6.02×10^{23} ^{12}C atoms
(= 1 mole ^{12}C atoms)

Avogadro Ka Saman Siddhant or Avogadro's Law states that equal volumes of gases, at the same temperature and pressure, contain an equal number of molecules. This principle is crucial in the field of chemistry, especially when

dealing with gases, as it allows scientists to determine the relationships between volume, number of moles, and pressure.

5. Sidhant 5: Mendeleev Ka Avart Sarna Sidhant

The graphic displays a periodic table with the following text overlaid:

- Top center: **5 Minute में पूरी आवर्त सारणी याद** (5 Minute में पूरी आवर्त सारणी याद)
- Center: **शानदार ट्रिक्स** (Shanदार Tricks)
- Bottom: **याद कराने की गारंटी** (Yaad Karane Ki Garanti)

Mendeleev Ka Avart Sarna Sidhant or Mendeleev's Periodic Law is the foundation of the modern periodic table. It states that when elements are arranged in order of their atomic numbers, there is a periodic repetition of their chemical and physical properties. This principle revolutionized the understanding of the elements and their properties, providing scientists a systematic framework to study and discover new elements.

These are just a few examples of the fascinating principles that govern the world of mathematics and science. Ganit Aur Vigyan Ke 100 Sidhant (100 Principles of Mathematics and Science in Hindi) offer a deep insight into the fundamental concepts that underpin these subjects.

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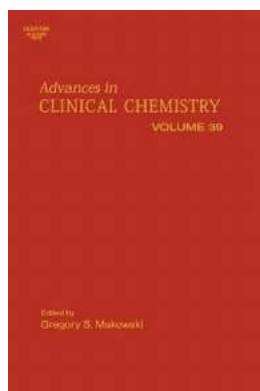
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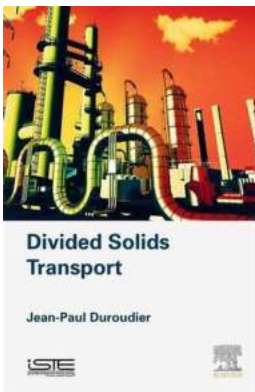
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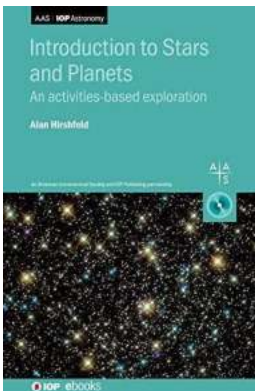
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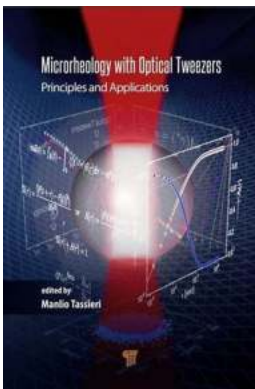
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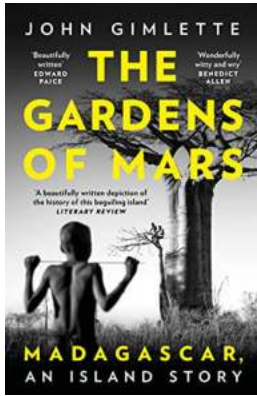
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