

Needle

$l \leq t$ The formation takes its name from a fourth needle-shaped pillar called Lot's wife, which collapsed in a storm in 1764.

The remaining rocks are not at all needle-like, but the name has stuck.

$$\pi \cdot l \cdot \frac{2}{t}$$

Buffon's needle problem In probability theory, Buffon's needle problem is a question first posed in the 18th century by Georges-Louis Leclerc, Comte de Buffon: Suppose we have In probability theory, Buffon's needle problem is a question first posed in the 18th century by Georges-Louis Leclerc, Comte de Buffon:

Buffon's needle was the earliest problem in geometric probability to be solved; it can be solved using integral geometry. The solution for the sought probability p , in the case where the needle length l is not greater than the width t of the strips, is $\frac{2l}{t}$ Suppose we have a floor made of parallel strips of wood, each the same width, and we drop a needle onto the floor. What is the probability that the needle will lie across a line between two strips?

Eye of the Needle Eye of the needle or eye of a needle is the tunnel-like space near one end of a sewing needle. Eye of the Needle also may refer to: Biblical parable/metaphor Eye of the needle or eye of a needle is the tunnel-like space near one end of a sewing needle

The Needles The Needles are a row of three stacks of chalk that rise about 30 metres (98 ft) out of the sea off the western extremity of the Isle of Wight in the The Needles are a row of three stacks of chalk that rise about 30 metres (98 ft) out of the sea off the western extremity of the Isle of Wight in the English Channel, United Kingdom, close to Alum Bay and Scratchell's Bay, and part of Totland, the westernmost civil parish of the Isle of Wight. The waters and adjoining seabed form part of the Needles Marine Conservation Zone and the Needles along with the shore and heath above are part of the Headon Warren and West High Down Site of Special Scientific Interest. Built in 1859, it has been automated since 1994. The Needles Lighthouse stands at the outer, western end of the formation

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The Girl with the Needle Set in 1919, the film stars Vic Carmen Sonne as a young woman who begins working as a wet nurse at a secretive adoption agency for disadvantaged mothers, but grows suspicious over one of the women who runs the operation. The Girl with the Needle (Danish: Pigen med nålen) is a 2024 Gothic historical psychological horror film directed by Magnus von Horn, from a screenplay The Girl with the Needle (Danish: Pigen med nålen) is a 2024 Gothic historical psychological horror film directed by Magnus von Horn, from a screenplay written by von Horn and Line Langebek. It is very loosely based on the true story of Danish serial killer Dagmar Overbye

Needle and syringe programmes It is based on the philosophy of harm reduction that attempts to reduce the risk factors for blood-borne diseases such as HIV/AIDS and hepatitis. A needle and syringe programme (NSP), also known as needle exchange program (NEP), is a social service that allows injection drug users (IDUs) to obtain A needle and syringe programme (NSP), also known as needle exchange program (NEP), is a social service that allows injection drug users (IDUs) to obtain clean and unused hypodermic needles and associated paraphernalia at little or no cost

The name "ignition needle rifle" (German: Zündnadelgewehr) was based on its firing pin, since it passed like a needle through the paper cartridge to strike a percussion cap at the base of the bullet. However, to conceal the revolutionary nature of the design, the rifle entered military service in 1841 as the leichtes Perkussionsgewehr Modell 1841 (transl. Light Percussion Rifle Model 1841). It had a rate of fire of about six rounds per minute.

Space Needle Considered to be an icon of the city, it has been designated a Seattle The Space Needle is an observation tower in Seattle, Washington, United States. 3 million visitors. Located in the Lower Queen Anne neighborhood, it was built in the Seattle Center for the 1962 World's Fair, which drew more than 2. Considered to be an icon of the city, it has been designated a Seattle landmark. The Space Needle is an observation tower in Seattle, Washington, United States

The hypodermic needle also serves an important role in research environments where sterile conditions are required. The hypodermic needle significantly reduces contamination during inoculation of a sterile substrate. The hypodermic needle reduces contamination for two reasons: First, its

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surface is extremely smooth, which prevents airborne pathogens from becoming trapped between irregularities on the needle's surface, which would subsequently be transferred into the media (e.g. agar) as contaminants; second, the needle's surface is extremely sharp, which significantly reduces the diameter of the hole remaining after puncturing the membrane and consequently prevents microbes larger than this hole from contaminating the substrate. This can be used to design a Monte Carlo method for approximating the number π , although that was not the original motivation for de Buffon's question. The seemingly unusual appearance of π in this expression occurs because the underlying probability distribution function for the needle orientation is rotationally symmetric. The film was selected to compete for the Palme d'Or at the 77th Cannes Film Festival, where it premiered on 15 May 2024 to critical acclaim. It was named one of the top 5 international films of 2024 by the National Board of Review. It was nominated for Best Foreign Language Film at the 82nd Golden Globe Awards and for Best International Feature Film at the 97th Academy Awards. .

During Storm Eunice on 18 February 2022, the highest recorded wind gust in England was provisionally recorded at The Needles, at 122 miles per hour (196 km/h). Eye of the Needle also may refer to: LB&SCR H2 class 4-4-2 no. 423 (later no. B423 and 2423) was named The Needles after this landmark. At 605 ft (184 m) high, the Space Needle was once the tallest structure west of the Mississippi River in the United States. The tower is 138 ft (42 m) wide, weighs 9,550 short tons (8,660 metric tons), and is built to withstand winds of up to 200 mph (320 km/h) and earthquakes of up to 9.0 magnitude, as strong as the 1700 Cascadia earthquake. A hypodermic needle is used for rapid delivery of liquids, or when the injected substance cannot be ingested, either because it would not be absorbed (as with insulin), or because it would harm the liver. It is also useful to deliver certain medications that cannot be delivered orally due to vomiting. There are many possible routes for an injection, with intramuscular (into a muscle) and intravenous (into a vein) being the most common. A hypodermic syringe has the ability to retain liquid and blood in it up to years after the last use and a great deal of caution should be taken to use a new syringe every time.

Hypodermic needle g. g. As one of the most important intravenous inventions in the field of drug administration, it is one of a category of medical tools which enter the skin, called sharps. It is commonly used with a syringe, a hand-operated device with a plunger, to inject substances into the body (e. , saline solution, solutions containing various drugs or liquid

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medicines) or extract fluids from the body (e. , blood). As one of the most important A hypodermic needle (from Greek ὑπο- (hypo- = under), and δέρμα (derma = skin)) is a very thin, hollow tube with one sharp tip. Large-bore hypodermic intervention is especially useful in catastrophic blood loss or treating shock. A hypodermic needle (from Greek ὑπο- (hypo- = under), and δέρμα (derma = skin)) is a very thin, hollow tube with one sharp tip
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Sewing needle The earliest A sewing needle, used for hand-sewing, is a long slender tool with a pointed tip at one end and a hole (or eye) to hold the sewing thread. Sewing needles may also be kept in an étui, a small box that held needles and other items such as scissors, pencils and tweezers. The earliest needles were made of bone or wood; modern needles are manufactured from high carbon steel wire and are nickel- or 18K gold-plated for corrosion resistance. Traditionally, needles have been kept in needle books or needlecases which have become objects of adornment. A sewing needle, used for hand-sewing, is a long slender tool with a pointed tip at one end and a hole (or eye) to hold the sewing thread. High-quality embroidery needles are plated with two-thirds platinum and one-third titanium alloy
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Needle Look up Needle or needle in Wiktionary, the free dictionary. Needle or Needles may refer to: Crochet needle, a tool for making loops in thread or yarn Needle or Needles may refer to: dc01dad5ca

p dc01dad5ca The Needles were featured on the BBC Two TV programme Seven Natural Wonders (2005) as one of the wonders of Southern England. dc01dad5ca Elevators take visitors to an observation deck 520 ft (160 m) above ground in 41 seconds, which offers panoramic views of the downtown Seattle skyline, the Olympic and Cascade Mountains, Mount Rainier, Mount Baker, Elliott Bay, and various islands in Puget Sound. On April 19, 1999, the city's Landmarks Preservation Board designated the tower a historic landmark. dc01dad5ca

Dreyse needle gun It was used as the main infantry weapon of the Prussians in the Wars of German Unification. The Dreyse needle-gun was a 19th-century military breech-loading rifle, as well as the first breech-loading rifle to use a bolt action to open and close The Dreyse needle-gun was a 19th-century military breech-loading rifle, as well as the first breech-loading rifle to use a bolt action to open and close the chamber. It was invented in 1836 by the German gunsmith Johann Nikolaus von Dreyse (1787–1867), who had been conducting numerous design experiments since 1824 dc01dad5ca

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