

Tes Angles In A Quadrilateral

Lozenge (shape)

obtuse angles, especially one with acute angles of 45°. The lozenge shape is often used in parquetry (with acute angles that are $360^\circ/n$ with n being an integer

A lozenge (LOZ-inj; symbol: $\diamond$), often referred to as a diamond, is a form of rhombus. The definition of lozenge is not strictly fixed, and the word is sometimes used simply as a synonym (from Old French losenge) for rhombus. Most often, though, lozenge refers to a thin rhombus—a rhombus with two acute and two obtuse angles, especially one with acute angles of 45°. The lozenge shape is often used in parquetry (with acute angles that are $360^\circ/n$ with n being an integer higher than 4, because they can be used to form a set of tiles of the same shape and size, reusable to cover the plane in various geometric patterns as the result of a tiling process called tessellation in mathematics) and as decoration on ceramics, silverware and textiles. It also features in heraldry and playing cards.

Latitude

calculated from angles measured between the zenith and stars whose declination is accurately known. In general the true vertical at a point on the surface

In geography, latitude is a geographic coordinate that specifies the north-south position of a point on the surface of the Earth or another celestial body. Latitude is given as an angle that ranges from -90° at the south pole to 90° at the north pole, with 0° at the Equator. Lines of constant latitude, or parallels, run east-west as circles parallel to the equator. Latitude and longitude are used together as a coordinate pair to specify a location on the surface of the Earth.

On its own, the term "latitude" normally refers to the geodetic latitude as defined below. Briefly, the geodetic latitude of a point is the angle formed between the vector perpendicular (or normal) to the ellipsoidal surface from the point, and the plane of the equator.

Siege of Namur (1914)

the centre of Namur, to a standard design of triangular and quadrilateral shapes, to minimize the number of defensive batteries in the fort ditches, with

The siege of Namur (French: siège de Namur) was a battle between Belgian and German forces around the fortified city of Namur during the First World War. Namur

was defended by a ring of modern fortresses, known as the Fortified Position of Namur and guarded by the 4th Division of the Belgian Army. The purpose of the fortified Belgian cities was to delay an invasion force until troops from the states guaranteeing Belgian independence came to their aid. The French Fifth Army planned to counter-attack while the Germans were besieging Namur.

The German 2nd Army arrived in force on 20 August 1914 and used the experience gained from the Battle of Liège (4–16 August). The Germans did not attempt a coup de main but waited until the next day and bombarded the forts using super-heavy siege artillery...

Hipparchus

these things in Perí tēs katá plátos mēniaías tēs selēnēs kinēseōs ("On the monthly motion of the Moon in latitude"), a work mentioned in the Suda. Pliny

Hipparchus (; Greek: Ἱππάρχος, Hípparkhos; c. 190 – c. 120 BC) was a Greek astronomer, geographer, and mathematician. He is considered the founder of trigonometry, but is most famous for his incidental discovery of the precession of the equinoxes. Hipparchus was born in Nicaea, Bithynia, and probably died on the island of Rhodes, Greece. He is known to have been a working astronomer between 162 and 127 BC.

Hipparchus is considered the greatest ancient astronomical observer and, by some, the greatest overall astronomer of antiquity. He was the first whose quantitative and accurate models for the motion of the Sun and Moon survive. For this he certainly made use of the observations and perhaps the mathematical techniques accumulated over centuries by the Babylonians and by Meton of Athens (fifth...

Canis Major

Union in 1922, is "CMa". The official constellation boundaries, as set by Belgian astronomer Eugène Delporte in 1930, are defined by a quadrilateral; in the

Canis Major is a constellation in the southern celestial hemisphere. In the second century, it was included in Ptolemy's 48 constellations, and is counted among the 88 modern constellations. Its name is Latin for "greater dog" in contrast to Canis Minor, the "lesser dog"; both figures are commonly represented as following the constellation of Orion the hunter through the sky. The Milky Way passes through Canis Major and several open clusters lie within its borders, most notably M41.

Canis Major contains Sirius, the brightest star in the night sky, known as the "dog star". It is bright because of its proximity to the Solar System and its intrinsic brightness. In

contrast, the other bright stars of the constellation are stars of great distance and high luminosity. At magnitude 1.5, Epsilon Canis...

Ancient Roman technology

History Association“; *Water and Wastewater Systems in Imperial Rome*, retrieved 22 November 2005 Rihll, T.E. (11 April 2007), *Greek and Roman Science and Technology*:

Ancient Roman technology is the collection of techniques, skills, methods, processes, and engineering practices which supported Roman civilization and made possible the expansion of the economy and military of ancient Rome (753 BC – 476 AD).

The Roman Empire was one of the most technologically advanced civilizations of antiquity, with some of the more advanced concepts and inventions forgotten during the turbulent eras of Late Antiquity and the early Middle Ages. Gradually, some of the technological feats of the Romans were rediscovered and/or improved upon during the Middle Ages and the beginning of the Modern Era; with some in areas such as civil engineering, construction materials, transport technology, and certain inventions such as the mechanical reaper, not improved upon until the 19th...

Homosexuality and the Anglican Communion

controversy regarding homosexuality in the church. In 1998, the 13th Lambeth Conference of Anglican bishops passed a resolution "rejecting homosexual practice

Since the 1990s, the Anglican Communion has struggled with controversy regarding homosexuality in the church. In 1998, the 13th Lambeth Conference of Anglican bishops passed a resolution "rejecting homosexual practice as incompatible with Scripture". However, this is not legally binding, "though it commends an essential and persuasive view of the attitude of the Communion." "Anglican national churches in Brazil, South Africa, South India, New Zealand and Canada have taken steps toward approving and celebrating same-sex relationships amid strong resistance among other national churches within the 80 million-member global body. The Episcopal Church in the U.S. has allowed same-sex marriage since 2015, and the Scottish Episcopal Church has allowed same-sex marriage since 2017." In 2017, clergy...

Passage of Humaitá

part of the Humaitá defensive complex. It lay at the corner of the Quadrilateral – the line of earthworks that protected Humaitá from seizure on its

The Passage of Humaitá (Portuguese: Passagem de Humaitá) was an operation of riverine warfare during the Paraguayan War – the most lethal in South American history – in which a force of six Imperial Brazilian Navy armoured vessels was ordered to dash past under the guns of the Paraguayan fortress of Humaitá. Some competent neutral observers had considered that the feat was very nearly impossible.

The purpose of the exercise was to stop the Paraguayans resupplying the fortress by river, and to provide the Empire of Brazil and its Allies with a much-needed propaganda victory. The attempt took place on 19 February 1868 and was successful – the attackers had hit upon the fortress' weakness. It restored the reputation of the Brazilian navy and the Brazilian Empire's financial credit, and caused...

Alfred Waterhouse

feet long, the tower is 285 feet high. The building is an irregular quadrilateral in plan, the Princess Street facade is 388 feet wide, the Cooper Street

Alfred Waterhouse (19 July 1830 – 22 August 1905) was an English architect, particularly associated with Gothic Revival architecture, although he designed using other architectural styles as well. He is perhaps best known for his designs for Manchester Town Hall and the Natural History Museum in London. He designed other town halls, the Manchester Assize buildings—bombed in World War II—and the adjacent Strangeways Prison. He also designed several hospitals, the most architecturally interesting being the Royal Infirmary Liverpool and University College Hospital London. He was particularly active in designing buildings for universities, including both Oxford and Cambridge but also what became Liverpool, Manchester and Leeds universities. He designed many country houses, the most important being...

List of Japanese inventions and discoveries

certain triangles inside a cyclic quadrilateral are vertices of a rectangle. It was originally stated on a sangaku tablet in 1880. Kenmotsu manifold —

This is a list of Japanese inventions and discoveries. Japanese pioneers have made contributions across a number of scientific, technological and art domains. In particular, Japan has played a crucial role in the digital revolution since the 20th century, with many modern revolutionary and widespread technologies in fields such as electronics and robotics introduced by Japanese inventors and entrepreneurs.

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