

Continue



leet defeats Venetians at the Battle of Zonchio. 1499: University "Alcalá de Henares" in Spain. Spain is built. 1499: Michelangelo's Pietà in St. Peter's Basilica is made in Rome 1500: Islam becomes the dominant power across the Indonesian archipelago.[13] 1500: in an effort to increase his power, Bolikha founded the city of Selurong—later named Maynila, on the other side of the Pasig River shortly after taking over Tondo from its monarch, Lakan Gambang.[14] 1500: Around late 15th century Bujangga Manik manuscript was composed, tell the story of Java Pakuan Bujangga Manik, a Sundanese Hindu hermit journeys throughout Java and Bali.[15] 1500: Charles of Ghent (future Lord of the Netherlands, King of Spain, Archduke of Austria, and Holy Roman Emperor) was born. 1500: Guru Nanak begins the spreading of Sikhism, the fifth-largest religion in the world. 1500: Spanish navigator Vicente Yáñez Pinzón encounters Brazil but is prevented from claiming it by the Treaty of Tordesillas. 1500: Portuguese navigator Pedro Álvares Cabral claims Brazil for Portugal. 1500: The Ottoman fleet of Kemal Reis defeats the Venetians at the Second Battle of Lepanto. The Yongle Emperor (1360-1424) raised the Ming Empire to its highest power. Launched campaigns against the Mongols and reestablished Chinese rule in Vietnam Ulugh Beg (1394-1449), Timurid sultan who oversaw the cultural peak of the Timurid Renaissance Johannes Gutenberg (1400-1468), German inventor who introduced printing to Europe with his mechanical movable-type printing press Skanderbeg (1405-1468), who led the Albanian resistance against the Ottoman Empire Ivan III of Russia (1440-1505), Grand Prince of Moscow who ended the dominance of the Tatars in the lands of the Rus King Henry VII (1457-1509), the founder of the royal house of Tudor See also: Science and inventions of Leonardo da VinciSee also: Timeline of historic inventions § 15th century Renaissance affects philosophy, science and art. Rise of Modern English language from Middle English. Introduction of the noon bell in the Catholic world. Public banks. Yongle Encyclopedia—over 22,000 volumes. Hangul alphabet in Korea. Scotch whisky. Psychiatric hospitals[clarification needed]. Development of the woodcut for printing between 1400-1450. Movable type first used by King Taejong of Joseon—1403. (Movable type, which allowed individual characters to be arranged to form words, was invented in China by Bi Sheng between 1041 and 1048.) Although pioneered earlier in Korea and by the Chinese official Wang Zhen (with tin), bronze metal movable type printing is created in China by Hua Sui in 1490. Johannes Gutenberg advances the printing press in Europe (c. 1455) Linear perspective drawing perfected by Filippo Brunelleschi 1410-1415 Invention of the harpsichord c. 1450 Arrival of Christopher Columbus to the Americas in 1492. ^ Crowley, Roger (2006). Constantinople: The Last Great Siege, 1453. Faber. ISBN 0-571-22185-8. (reviewed by Foster, Charles (22 September 2006). "The Conquestof Constantinople and the end of empire". Contemporary Review. Archived from the original on 22 August 2009. It is the end of the Middle Ages) ^ Encyclopædia Britannica, Renaissance, 2008, O.Éd. ^ McLuhan 1962; Eisenstein 1980; Febvre & Martin 1997; Man 2002 ^ Harvey 2005, p. 14. ^ Nanda, J. N (2005). Bengal: the unique state. Concept Publishing Company. p. 10. 2005. ISBN 978-81-8069-149-2. Bengal [...] was rich in the production and export of grain, salt, fruit, liquors and wines, precious metals and ornaments besides the output of its handlooms in silk and cotton. Europe referred to Bengal as the richest country to trade with. ^ Winstedt, R. O. (1948). "The Malay Founder of Medieval Malacca". Bulletin of the School of Oriental and African Studies, University of London. 12 (3/4). Cambridge University Press on behalf of School of Oriental and African Studies: 726-729. doi:10.1017/S0041977X00083312. JSTOR 608731. ^ "An introduction to the Ming dynasty (1368-1644)". Khan Academy. Asian Art Museum. Retrieved 29 September 2018. ^ Modern interpretation of the place names recorded by Chinese chronicles can be found e.g. in Some Southeast Asian Polities Mentioned in the MSL Archived 12 July 2012 at the Wayback Machine by Geoffrey Wade ^ "Thousands in China are descendants of an ancient Filipino king. Here's how it happened". Filipiknow. 24 March 2017. ^ "New Sulu King research book by Chinese author debuts in Philippines". Xinhuanet. Archived from the original on 16 August 2021. ^ a b c d e f g Ricklefs (1991), page 18. ^ "Shri Mahaprabhuji Shri Vallabhacharyaji Biography | Pushti Sanskar". pushtisanskar.org. Retrieved 2 June 2023. ^ Leinbach, Thomas R. (20 Feburary 2019). "Religions". Encyclopedia Britannica. Retrieved 23 February 2019. ^ Carating, Rodelio B.; Galanta, Raymundo G.; Bacatio, Clarita D. (23 April 2014). The Soils of the Philippines. Springer Science & Business, p. 31. ISBN 978-94-017-8682-9. ^ Noorduyin, J. (2006). Three Old Sundanese poems. KITLV Press, p. 437. Langer, William. An Encyclopedia of World History (5th ed. 1973); highly detailed outline of events online free Febvre, Lucien; Martin, Henri-Jean (1997). The Coming of the Book: The Impact of Printing 1450-1800. London: Verso. ISBN 1-85984-109-2 Eisenstein, Elizabeth L. (1980). The Printing Press as an Agent of Change, Cambridge University Press. ISBN 0-521-29955-1 Tolley, Thomas (2001). "Eyck, Barthélemy d'". In Hugh Brigstocke (ed.). The Oxford Companion to Western Art. Oxford: Oxford University Press. ISBN 0-19-866203-3. Harvey, L. P. (16 May 2005). Muslims in Spain, 1500 to 1614. Chicago: University of Chicago Press. ISBN 978-0-226-31963-6. Man, John (2002). The Gutenberg Revolution: The Story of a Genius and an Invention that Changed the World. London: Headline Review, ISBN 978-0-7472-4504-9 McLuhan, Marshall (1962), The Gutenberg Galaxy: The Making of Typographic Man (1st ed.), University of Toronto Press, ISBN 978-0-8020-6041-9 {{citation}}: |ISBN / Date incompatibility (help) Retrieved from " 4 The following pages link to 15th century External tools (link count transclusion count sorted list) · See help page for transcluding these entries Showing 50 items. View (previous 50 | next 50) (20 | 50 | 100 | 250 | 500)Caribbean Sea (links | edit) List of decades, centuries, and millennia (links | edit) Levant (links | edit) Romania (links | edit) House of Romanov (links | edit) Sarajevo (links | edit) Snare drum (links | edit) Suffolk (links | edit) Shooting sports (links | edit) Sikhs (links | edit) Treaty of Verdun (links | edit) 20th century (links | edit) 16th century (links | edit) 17th century (links | edit) 18th century (links | edit) 1492 (links | edit) 14th century (links | edit) 1st century (links | edit) 13th century (links | edit) 4th century (links | edit) 12th century (links | edit) 11th century (links | edit) 1564 (links | edit) 1572 (links | edit) 1490s (links | edit) 1597 (links | edit) 7th century (links | edit) 10th century (links | edit) 9th century (links | edit) 8th century (links | edit) 6th century (links | edit) 5th century (links | edit) 3rd century (links | edit) 2nd century (links | edit) 1573 (links | edit) 1570s (links | edit) 1574 (links | edit) 1436 (links | edit) 1476 (links | edit) 1542 (links | edit) 1540s (links | edit) 4th century BC (links | edit) 1st century BC (links | edit) 2nd century BC (links | edit) 3rd century BC (links | edit) 5th century BC (links | edit) 6th century BC (links | edit) 1430s (links | edit) 21st century BC (links | edit) 11th century BC (links | edit) View (previous 50 | next 50) (20 | 50 | 100 | 250 | 500) Retrieved from " WhatLinksHere/15th century" Disclosure This website is a participant in the Amazon Services LLC Associates Program, an affiliate advertising program designed to provide a means for us to earn fees by linking to Amazon.com and affiliated sites. Testing AA batteries can be a lifesaver when you need to ensure your devices are functioning at their best. Whether you are trying to power a remote control, a flashlight, or any other device that uses AA batteries, knowing how to test them efficiently can save you time and money. Instead of guessing whether a battery is dead or still holds a charge, using a multimeter provides a quick and accurate way to determine its status. Known for its accuracy and versatility, this multimeter is great for testing batteries and other electrical devices. A reliable tool that provides precise readings, especially for electrical professionals. Offers a budget-friendly option with a wide range of functions, perfect for home users. Testing your AA batteries with a multimeter is an essential skill that can help you avoid unnecessary replacements and make sure your devices are running smoothly. A multimeter allows you to measure the voltage of the battery, which gives you an accurate idea of whether it's still functional. AA batteries typically have a voltage of 1.5V when fresh, but this can decrease over time as the battery discharges. By testing the battery with a multimeter, you can determine how much charge is left, which is especially useful when the device you're using shows no signs of power, and you're unsure if it's the battery or the device itself. Key Benefits: Quick Diagnosis: With a multimeter, you can immediately determine if your AA battery is still good or needs replacing. Accurate Results: Unlike the traditional 'drop test' where you guess based on the bounce, the multimeter offers precise voltage readings. Cost-Effective: Rather than throwing out batteries that might still have life left, you can test and extend their usage. Using a multimeter not only saves you money but also helps to reduce waste, as you can dispose of batteries only when necessary. With regular testing, you can maximize the lifespan of your AA batteries and avoid running into unexpected power loss. Before you can begin testing your AA batteries, it's crucial to set up your multimeter properly. The correct setup ensures that you get an accurate reading and avoid damaging your multimeter or the battery in the process. Here's how you can prepare your multimeter for testing: Step-by-Step Setup: Choose the Right Multimeter Mode: Most multimeters have multiple settings. For battery testing, select the "DC Voltage" mode (often denoted by a "V" with a straight line). This is because AA batteries are DC (Direct Current) power sources. Adjust the Range: Some multimeters are auto-ranging, while others require you to set the range manually. For AA batteries, ensure the voltage range is set to 2V or higher. This way, the multimeter will be able to accurately measure voltages that are slightly below the 1.5V expected from a fresh battery. Connect the Probes: Insert the black probe into the negative (COM) port and the red probe into the positive (VΩmA) port of the multimeter. Make sure the probes are in good condition, with no exposed wiring, to ensure safe testing. A multimeter setup like this ensures that you get clear readings, preventing any confusion during your testing process. Once your multimeter is set up, it's time to test the AA battery. This process is straightforward, and by following a few simple steps, you'll be able to determine the battery's condition in no time. Place the Probes on the Battery Terminals: Hold the AA battery in your hand, ensuring you're touching the flat, negative side (the bottom of the battery) with the black probe and the raised, positive side (the top of the battery) with the red probe. Read the Multimeter Display: Once the probes are in contact with the battery, the multimeter will display a voltage reading. A fresh AA battery should read around 1.5V. Anything lower indicates that the battery is partially discharged or near the end of its life. Interpret the Results: 1.5V - 1.6V: The battery is fresh and good to go. 1.3V - 1.4V: The battery still holds a reasonable charge but is on the decline. Below 1.3V: The battery is considered weak and should be replaced. If the multimeter reads a voltage significantly lower than 1.5V, it's a clear sign that the battery is not functioning properly and will likely need to be replaced soon. Not Ensuring Good Contact: Make sure the probes are securely touching the battery terminals for an accurate reading. Incorrect Multimeter Settings: Double-check that your multimeter is set to DC voltage mode to avoid erroneous readings. Understanding the voltage readings from your multimeter is key to determining the health of your AA battery. Interpreting these readings can help you avoid wasting batteries that still have some life left and ensure you're only replacing those that are truly dead. When you test an AA battery, here's what to look for: 1.5V to 1.6V: A fresh AA battery typically measures around 1.5V when new, and this is the ideal range. If the multimeter reads within this range, the battery is good to go. It's ready to power your devices without any issues. 1.3V to 1.4V: As the battery discharges, the voltage decreases. If the reading is between 1.3V and 1.4V, the battery is still usable but is nearing the end of its life. It can still power most devices, but you may notice a decrease in performance or shorter usage times. Below 1.3V: A reading below 1.3V indicates that the battery is weak and is likely to fail soon. Most devices, especially those requiring a stable voltage like digital cameras or remote controls, may not function properly with batteries that have dropped to this level. At this point, it's recommended to replace the battery. 0V to 1.0V: A reading below 1.0V typically means the battery is completely drained. At this stage, the battery is no longer reliable, and it's time to dispose of it. Knowing how to test your AA batteries with a multimeter is just one part of maintaining battery health. To ensure that your batteries last as long as possible, there are several best practices you can follow. These tips can help reduce the frequency of battery replacements, saving both money and the environment. Avoid Heat: High temperatures can cause batteries to discharge faster. Store your AA batteries in a cool, dry place away from direct sunlight and heat sources. Remove Batteries from Devices: If you're not using a device for a long period, it's a good idea to remove the batteries. This prevents any parasitic drain that might happen even when the device is off. Dirty battery terminals can lead to poor contact with the device, which can affect battery performance. Use a dry cloth or cotton swab to clean the terminals before placing them in a device. When using AA batteries in devices that require more than one battery (like toys or remotes), try to use batteries from the same batch. Mixing old and new batteries can lead to uneven power distribution and can quickly drain the newer batteries. As we've discussed, using a multimeter to test your AA batteries regularly ensures you're not using underperforming batteries. By testing early, you can replace weak batteries before they affect the performance of your devices. While some people believe that freezing batteries can extend their life, this can actually damage them. Avoid placing your batteries in the freezer to "recharge" them. Testing AA batteries with a multimeter is an effective way to determine their charge level and avoid unnecessary replacements. By following the simple steps outlined in this guide, you can easily test your batteries and make informed decisions about their usability. Understanding the voltage readings helps you identify whether a battery is fresh, nearing the end of its life, or completely drained. Adopting practices such as proper storage and regular testing will help maximize the lifespan of your AA batteries, saving you both time and money. Armed with this knowledge, you can ensure your devices remain powered and functional, all while being environmentally conscious. If you're ready to test your AA batteries with a reliable multimeter, here are some budget-friendly options that won't break the bank but still offer great performance: A solid and affordable option for casual users, providing accurate voltage readings and a user-friendly design. TESMEN TCM-300D Digital Clamp Meter, 6000 Counts Multimeter,... Versatile AC/DC Clamp Meter: The TCM-300D digital clamp meter features both smart and manual measurement modes, allowing for precise measurement of... Large Jaw Design: This amp meter boasts a unique large design that allows for quick AC/DC current measurements without touching or interrupting the... Inrush Current Measurement: This clamp multimeter includes advanced inrush current measurement capabilities, enabling quick identification of startup... Known for its durability and ease of use, it offers a variety of features perfect for home or workshop testing. Offers great value for its price, with automatic range selection and easy battery testing capabilities. These multimeters are all excellent choices for everyday use and will ensure that you can test your AA batteries with precision and ease. Whether you're a hobbyist or just need a reliable tool for your home, these options will fit the bill! Yes, you can use any digital or analog multimeter to test AA batteries. However, digital multimeters are typically easier to read and provide more precise measurements, which makes them a popular choice for battery testing. If your multimeter shows a voltage lower than 1.5V but the battery still powers your device, it could be that the battery is undercharged but still has enough juice for the specific device. Devices like remotes or clocks often require less power, so they may still work even with a lower voltage. However, if you notice reduced performance, it's time to replace the battery. No, testing a battery with a multimeter will not damage it. A multimeter is designed to measure voltage safely, and as long as you follow the correct procedure, your battery will remain intact. It's recommended to test your AA batteries every couple of months, or whenever you notice reduced performance in your device. Regular testing helps you determine whether batteries are still usable or need replacement, saving you from unexpected power loss. Yes, you can test AA rechargeable batteries the same way as regular alkaline batteries. However, keep in mind that rechargeable batteries, such as NiMH, have a different discharge curve, meaning they may show a lower voltage even when they still hold a good charge. Always ensure that your rechargeable batteries are properly charged before use. Klein Tools MM6000 Multimeter User Manual - Klein Tools. Retrieved from How to Test Batteries Using a Multimeter - Fluke Corporation. Retrieved from Extech EX330 User Guide - Extech Instruments. Retrieved from