

## TOSS UPS

1. In 2013, the Chicago Crime Commission declared this man "Public Enemy Number One," making him the first man to receive this distinction since Al Capone in 1930. After an assassination attempt on his life resulted in the death of the Cardinal and Archbishop of Guadalajara in 1993, this man was arrested by the Guatemalan Army and extradited to Federal Social Readaptation Center No. 1. This man, whose nickname refers to his short stature, would escape that prison in 2001. Despite being a wanted man, Forbes Magazine ranked him as the 10th richest man in Mexico before his rearrest in 2014. However, he is once again at large, having escaped prison for the second time on July 11th, 2015. For ten points, name this Mexican drug lord and leader of the Sinaloa Cartel.

**Joaquin "El Chapo" Guzman (alternately, Joaquín Archivaldo Guzmán Loera)**

2. The concept of this fundamental circuit was originally proposed by Mathematician John von Neumann in 1945. In 1967, Fairchild introduced the Fairchild 3800, an 8-bit one of these with an accumulator, on an integrated circuit. Operations commonly performed by this circuit include Add, Add with Carry, Subtract with Borrow, and Two's complement, among others. For ten points, name this fundamental component of a CPU, a digital circuit that performs arithmetic and bitwise logical operation on integer binary numbers.

**Arithmetic Logic Unit**

3. Legend says that this man's grandfather, Astyages, the king of Media, sought to have him killed, but he was spared when Harpagos entrusted the child to shepherds instead of killing him. After leading a revolt against his grandfather, he became King of Media, before going on to conquer the Lydian Empire and the neo-Babylonian Empire. He is the only non-Jew to be referred to as the Messiah in the Tanakh, probably due to his liberation of the Jews from Babylonian captivity. After his death fighting the Massagetae, he was buried in his capital city of Pasargadae, now part of Iran. For ten points, name this "King of the Four Corners Of The World," the founder of the Achaemenid empire.

**Cyrus the Great (Cyrus the Elder, Kurus, Kurosh-e Bozog, Kyros)**

4. A film about this expedition won an Academy Award for best documentary in 1951. The crew for this Pacific ocean voyage consisted of six men and a pet parrot named Lorita. They began the expedition in Callao, Peru and finished 101 days later by crashing into a reef in the Tuamotu Archipelago. For ten points, name this 6900 kilometre journey on a balsa wood raft, intended to prove that pre-Columbian South American explorers could have settled Polynesia, and led by Thor Heyerdahl.

**Kon-Tiki expedition**

5. This Canadian politician's brother pens the comic strip "Bob the Angry Flower", and her father was a provincial party leader who died in a plane crash in 1984. This politician first became an MLA in 2008 and was one of only two members of her party in that province's legislature. She represents the riding of Edmonton-Strathcona, and became the leader of her party in 2014. For ten points, name the

leader of the Alberta New Democratic Party, and current premier of Alberta.

Rachel **Notley**

6. The narrator of this work writes rodeo-themed young adult novels, and she travels to Winnipeg in order to visit her sister in the hospital after a suicide attempt. Those two characters, Yolandi and Elfrieda, are Mennonites whose father killed himself by kneeling in front of a train. The author of this novel drew inspiration from suicides in her own family – those of her sister and father – as well as her Mennonite heritage and upbringing in Steinbach, Manitoba. For ten points, name the 2014 Giller Prize shortlisted novel by Miriam Toews.

**All My Puny Sorrows**

7. The Third Key of Basil Valentine shows a fox representing this substance devouring a chicken. This substance is used primarily to produce the electrolyte in the Wohlwill process. This electrolyte, Chloroauric acid, is used to refine gold of a higher purity than the Miller process. The substance is optimally formed by mixing nitric acid and hydrochloric acid at a volume ratio of 1:3. For ten points, name this highly corrosive substance which was named for its ability to dissolve the noble metals Gold and Platinum

**Aqua Regia (or nitric acid hydrochloride, or aqua regis, or nitrohydrochloric acid)**

8. Chapter Three of this work opines the protagonist's "Mother and sisters worked hard enough, but they grew women's crops, like coco-yams, beans and cassava. Yam, the king of crops, was a man's crop," in reference to the main character's primary crop. This character, a local wrestling champion, is forced to leave his village when he accidentally kills a man at a funeral when his gun explodes. Seven years later, he returns to his home village, Umofia, to find it changed drastically by the arrival of Christian missionaries. For ten points, identify this novel, which documents the tragic tale of the Igbo man Okonkwo, often viewed as the archetypal African novel in English, and author Chinua Achebe's most well-known work

**Things Fall Apart**

9. 2011's National Parks Project featured a short film on this park, directed by Louise Archambault and scored by Graham Van Belt, Ian D'sa, and Mishka Stein. Founded in 1972, it contains numerous hiking trails, such as St Elias Lake, the Donjek Valley, Sheep Creek Trail, and King's Throne. In 1979, it was inscribed alongside Wrangell-St. Elias National Park and Preserve as a transboundary UNESCO World Heritage Site due to its spectacular glacier and icefield landscapes. For ten points, name this Canadian National Park, home of Mount Logan, located in the Southeastern Yukon Territory.

**Kluane National Park and Reserve**

10. A fresco with this title gained notoriety in 2012 when a local amateur artist painted over the central figure in an ill-fated attempt to restore it. Bosch painted this scene twice, both times emphasizing a frail central figure. In contrast, Titan painted this scene with a masculine Christ, without the mocking

present in Bosch's work. Caravaggio's painting of this name features the torturer mockingly draping a kingly cloak around a crowned Jesus, while presenting Pilate in a neutral and sympathetic light. For ten points, give the common name for this scene from the New Testament, whose latin title comes from the words used by Pontius Pilate when he presents a scourged and thorn-crowned Jesus Christ to a hostile crowd.

**Ecce Homo**

11. This event was designated Operation Detachment, and was an attempt by the attackers to gain the defender's airfields. The commander of the defence, Tadamichi Kuribayashi, knew that victory was unlikely, and attempted to prolong the battle by digging an elaborate system of tunnels to protect his troops. In this first attack on the Japanese Home Islands, the invading Marines sustained thousands of casualties. For ten points, name this World War II battle, the aftermath of which was immortalized by Joe Rosenthal in his Pulitzer Prize winning photograph.

**The Battle Of Iwo Jima**

12. This work is used by United Airlines in their "Safety is Global" preflight video, and lends its name to their luxury lifestyle magazine. Originally commissioned for bandleader Paul Whiteman, this piece premiered in the concert "An Experiment in Modern Music," on February 12, 1924 with the composer himself playing the piano. The title was suggested by the composer's brother and sometime collaborator after viewing an exhibition of Whistler paintings. This "jazz concerto" is irregular in form, with large contrasts in musical texture and style. Opening with an distinctive clarinet trill and glissando, FTP, name this composition for solo piano and jazz band, written by George Gershwin.

**Rhapsody In Blue**

13. By tradition, Engineering students around the world sing a hymn to this individual, in which they proclaim their ability to "demolish forty beers." A member of the Anglo-Saxon nobility in 11th century England, according to legend she interceded with Leofric, Earl of Mercia, who was her husband, to lessen a burdensome tax, who agreed to do so if she would undertake a humiliating task. When she did, all the townsfolk obliging averted their gaze, except for Peeping Tom. For ten points, who is this long-haired woman, who made Coventry famous thanks to her horseback ride in the nude?

Lady **Godiva (OR Godgifu)**

14. First mentioned in the Nowell Codex, this "Shadow Walker" is also the titular character of a 1971 John Gardner novel. Described as a direct descendent of the Biblical Cain, His first appearance sees him disturbed by noise of drunken revellers from a mead-hall, and his attempts to mitigate the noise ultimately result in a broken arm. As a result of this affliction, he dies in his marsh-den, and his shattered arm is raised to the rafters of Heorot as a trophy. FTP, name this antagonist of Beowulf

**Grendel**

15. This celebrity was a contestant on the first season of *I Want to Work for Diddy*, and her twin brother is a composer and multimedia artist. She was named woman of the year by Glamour magazine in 2014, was included on People's 2015 "World's Most Beautiful Women" list. In her current television role, she plays an inmate at Litchfield Penitentiary, who was imprisoned for credit card fraud and works as a hairdresser. For ten points, name the actress who portrays Sophia Burset on Orange is the New Black, the first transgender actress to be nominated for a prime time Emmy award.

**Laverne Cox**

16. In 1930, local communists organized a strike involving over a thousand workers at this company's 13,000 acre plantation at Phú Riềng, in what is now Vietnam. In 1894, it introduced the character Bibendum in its advertising, who still remains their mascot today and perhaps the oldest such in the world. In addition to its main trade, which yields annual revenues on the order of 20 billion Euros, it also publishes the Red Guide, a global listing of elite restaurants and hotels. For ten points, name this company, among the largest in France, that, with Bridgestone and Goodyear, rounds out the world's largest tire manufacturers.

**Michelin**

17. Founded in 1883 by the Toronto-based Temperance Colonization Society as the village of Nutana, this city is surrounded by the Rural Municipality of Corman Park. The Senator Sid Buckwold Bridge, Traffic Bridge, University Bridge, and Circle Drive Bridge connect the two halves of this city. This city is home to the Mendel Art Gallery, Bessborough Hotel, and the headquarters of PotashCorp. FTP, name this "City of Bridges", serviced by John G. Diefenbaker International airport, and home of the University of Saskatchewan.

**Saskatoon**

18. The *New Yorker's* Rachel Syme, writing in January 2014, may have originated the name of this period. According to the entertainment website Den of Geek, it began with *Tropic Thunder*, while *Time* put its beginning in *Magic Mike*. Often included in it are roles in *Bernie*, *Killer Joe*, *Mud*, and *The Lincoln Lawyer*, but it was the role in *Dallas Buyers Club* that won its subject an Academy Award. For ten points, name the ongoing Hollywood career "rebirth" of a certain actor also showcased by starring roles in *True Detective* and *Interstellar*.

**McConnaissance (prompt on Matthew McConaughey)**

19. This man issued the Edict on Maximum Prices in an attempt to control inflation in the Roman Empire, but the Edict was unsuccessful. This ruler also failed at eradicating Christianity, despite the largest and bloodiest persecution of Christians by the empire. However, this emperor was successful at instituting bureaucratic reforms that reorganized military and civil services, and in the establishment of the Tetrarchy by naming Maximian his co-emperor. For ten points, name the Roman Emperor who stabilized the empire and partitioned it, before retiring to his palace in the city of Split in modern-day Croatia.

**Diocletian**

20. The solution to this problem was originally published under the title "The solution of a problem relating to the geometry of position." The problem is the equivalent of asking if the multigraph on four nodes and seven edges has an Eulerian cycle. Its answer in the negative was presented to the St Petersburg Academy in 1735, and proved to be one of the foundations of graph theory. For ten points, name this problem in mathematics that asked to devise a walk through what is now Kaliningrad,

reaching the islands in the city by using each method of crossing once and only once, eventually solved by Leonard Euler.

**Seven Bridges of Königsberg ( or Königsberg Bridge Problem)**

21. Approximately the 31st most visited site on the web, it was acquired by Condé Nast in 2006, having been founded the year before by Steve Huffman and Alexis Ohanian. In 2015, it hosted a large-scale social experiment known as “The Button.” That same year, the firing of Director of Talent Victoria Taylor, who organized its popular AMA features, resulted in the resignation of much-reviled CEO Ellen Pao after revolting moderators locked many of its pages, including /r/funny [“R slash funny”]. For ten points, name this site that styles itself the “Front Page of the Internet.”

**Reddit**

22. It began with Sergius III and ended with John XII, and a major primary source is the writing of historian Liutprand of Cremona, who was highly critical of what he saw as a corrupt and evil time in the papacy. During this period a Roman courtesan called Marozia who used her sexuality and political power to have one pope killed and her son subsequently made pontiff. For ten points, name this era in the 10th century church, known by a Latin name meaning “Dark Age” or a Greek name meaning “rule by prostitutes.”

**Pornocracy or Saeculum obscurum or Hurenregiment or Rule of the Harlots**

23. In 1937, the Guinness family, of brewing fame, financed its construction, to facilitate movement to land they owned, namely British Properties. Made a National Historic Site of Canada in 2005, it was designed by Monsarrat and Pratley, a Montreal engineering firm. Its popular name refers to a dual mountain peak north of Vancouver, and is illustrated by a pair of concrete sculptures located at its south end. For ten points, what structure formally known as the First Narrows Bridge attaches to to the north of Stanley Park?

**Lions Gate Bridge (accept First Narrows Bridge before its mentioned)**

## BONUS

1. While they may be more famous for other work, these three men are all scholars of speech and language. FTPE, name these cunning linguists:

This professor emeritus at M.I.T. developed the theory of generative grammar, and wrote *Manufacturing Consent: The Political Economy of the Mass Media*.

Noam **Chomsky**

This British explorer and ethnologist was reputed to have spoken 29 different languages and translated both the *Kama Sutra* and *One Thousand and One Nights* into English.

Sir Richard Francis **Burton**

This Italian Marxist wrote his *Prison Notebooks* while jailed by the regime of Mussolini, and is most famous for his theory of cultural hegemony.

Antonio **Gramsci**

2. "And I can tell you my love for you will still be strong, After the boys of summer have gone."

Given the statistical category, please tell me the current Major League Baseball all-time leader in said category, for the stated number of points

Home Runs (5 points)

Barry **Bonds**

Strikeouts (as a pitcher) (5 Points)

Nolan **Ryan**

Strikeouts (as a batter) (10 points)

Reggie **Jackson**

Runs Scored (10 Points)

Ricky **Henderson**

3. (hand out sheets with city photos on them)

Canadian geography bonus! For ten points each, name the famous intersection. All are in Canadian cities, but you need to name the intersection. (**Moderator, don't worry about the order that they say the street names in. As long as they get both streets, it's fine.**)

A. **Yonge and Dundas** (Accept Dundas square or Yonge-Dundas square)(Toronto)

B. Main and Hastings (Vancouver)

C. Portage and Main (Winnipeg)

**4. (hand out sheet with family tree)**

You have been given the rather branchless family tree of a certain member of the Hapsburg family. For ten points each, name the three rulers whose names have been blacked out.

**Charles V**

**Ferdinand II**

**Charles II**

5. The Nobel Prize for Literature won't be awarded until December. Regardless, identify these post-2000 laureates based on an excerpt from their citation FTPE

"master of the contemporary short story"

Alice **Munro**

"that epicist of the female experience, who with scepticism, fire and visionary power has subjected a divided civilisation to scrutiny"

Doris **Lessing**

"for an oeuvre of universal validity, bitter insights and linguistic ingenuity, which has opened new paths for the Chinese novel and drama"

**Gao Xingjian**

6. In South Africa in 1938, Museum curatour Marjorie Courtenay-Latimer noticed a strange looking fish in a captain's daily catch. Answer this question about fishing, FTPE

What kind of "living fossil" fish did Courtenay-Latimer find?

**Coelacanth**

A Coelacanth is the best known example of this phenomenon, which refers to a group of animals that has disappeared for one or more periods in the fossil record, only to reappear later.

**A Lazarus Taxon**

Similar to a lazarus taxon, this type of taxon is a taxon which has been misidentified as having re-emerged in the fossil record after a period of presumed extinction, but is not actually a descendant of the original taxon, instead having developed a similar morphology through convergent evolution.

**Elvis Taxon**

7. FTPE, answer these questions about Canadian Currency

Featured on the reverse of the Frontier Series of notes alongside the Canadarm2, this telemanipulator is part of Canada's contribution to the International Space Station

**Dextre** (or Special Purpose Dextrous Manipulator)

Dextre was designed and manufactured by this Richmond-based communications and information company.

**MacDonald Detweiler** and Associates

Dextre was launched on March 11, 2008 on mission STS-123 aboard this space shuttle

**Endeavour**

8. (hand the players a baggie of coins)

Identify the countries that these coins come from, 5 points each.

**Japan**

**Hungary**

**Bulgaria**

**Switzerland**

**Thailand**

**Croatia**

9. "Dreams, memories, the sacred--they are all alike in that they are beyond our grasp"

So speaks the Siamese prince in Spring Snow, the first novel in what tetralogy?

The **Sea Of Fertility**

The Sea of Fertility was the work of what Japanese author?

Yukio **Mishima** (or, Kimitaki Hiraoka)

The Sea Of Fertility was described as "the most complete vision we have of Japan in the twentieth century" by what American travel writer and novelist, known for works such as The Mosquito Coast and The Last Great Railway Bazaar?

**Paul Theroux**

10. Physics is weird. FTPE, answer these questions about subatomic particles

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One of the classes of fundamental particles are these fermions, which come in six flavours.

### **Quarks**

These composite particles are generally made from a quark and an anti-quark. Examples of this include pions, kaons, and J/Psi

### **Meson**

Like Mesons, Baryons are also made from multiple quarks. This exotic Baryon was recently believed to have been observed at CERN in the decay of bottom lambda Baryons

### **Pentaquark**

11. Identify the logical fallacies for ten points each:

This formal fallacy occurs in arguments with the structure *If A then B, B, Therefore A*.

### **Affirming the Consequent**

This informal fallacy assumes the conclusion of the argument as a given, for instance, "The reason I am so handsome is because I am good looking."

### **Begging the Question** (accept petition principii, circular reasoning)

This formal fallacy presupposes that a class has members, using two universal premises to arrive at a particular conclusion.

### **Existential Fallacy** (accept Existential instantiation)

12. FTPE, answer some questions on a classic American trilogy of plays Consisting of "Homecoming," "The Hunted," and "The Haunted", this play cycle follows the vengeful desires of Lavinia Mannon, whose mother poisoned her father with the help of her lover.

### **Mourning Becomes Electra**

Due to its length, Mourning Becomes Electra is not performed as often as the other major plays of this author, such as The Emperor Jones and The Iceman Cometh.

### **Eugene O'Neill**

O'Neil modelled Mourning Becomes Electra after what ancient Greek trilogy, which explores the themes of vengeance and justice

### **Oresteia**

13. Answer some questions about the recently completed FIFA World Cup.

We know the Americans won, pulverizing Japan 5-2 in the final. Unsurprisingly, they also did quite well at the tournament-end awards. For five points each, name the winners of the Golden Ball for best

player, and Golden Glove, awarded to the best goalkeeper  
Carli **Lloyd** (Ball), and Hope **Solo** (Golden Glove)

The Final was played in Vancouver, with the semi-finals being contested in Montreal. For 5 points each, name the other four Canadian cities where matches were held  
**Edmonton, Winnipeg, Moncton, Ottawa**

14. Is this even Can-Con? Answer these questions about Newfoundland history before they became a province of Canada.

Dating to around the year 1000, this archeological site contains evidence of a Norse or Viking settlement on the island's northernmost tip.

### **L'Anse Aux Meadows**

This indigenous people lived on the island before European settlement. Seeking to avoid contact with Europeans, they moved inland, where resources were scarce and they were deprived of traditional sources of food like fish and seal. The last members of the group died of starvation in the early 19th century.

### **Beothuk**

This explorer is widely assumed to have landed at Cape Bonavista on Newfoundland's east coast. The celebration of the 500th anniversary of his expedition was held in 1997.

### **John Cabot** (Giovanni Caboto)

15. Answer these questions about elections held so far in 2015, FTPE

In Nigeria, this man sought his second term as president, but he was defeated by Muhammadu Buhari.

### Goodluck **Jonathan**

In the United Kingdom's general election, the Liberal Democrat party had their worst result since 1970 and held only 8 of their previous 57 seats. This man was the leader of the Lib Dems, and outgoing deputy prime minister.

### Nick **Clegg**

The presidential election in this country was held two years ahead of schedule in January. Surprisingly, the incumbent Mahinda Rajapaksa was defeated by Maithripala Sirisena, running on an anti-corruption campaign.

### **Sri Lanka**

16. Given the airport code of a Canadian airport, name the city FTPE

YUL

**Montreal**

YEG

**Edmonton**

YYJ

**Victoria**

17. One can't help but think that board games imitate history sometimes. FTPE, the following historical sites all share their name with board games.

Originally founded in the Gallo-Roman Period, and a stronghold of Occitan Cathars in the 13th century, this medieval citadel was restored by Eugene Viollet-le-Duc in the 19th century.

**Carcassone**

One of the largest pre-Columbian Mayan sites, this archaeological site in Peten Basin contains the ruins of the Temple of the Great Jaguar, the Templ of the Animal Skull, and the Mundo Perdido.

**Tikal**

This Andalusian Fortress Complex was original a small fortress, before being converted into a royal palace in 1333 by Yusuf I, Sultan of Granada.

**Alhambra**

18. Answer these questions on contemporary Chinese classical music, for ten points each.

This composer wrote the music for the medal ceremonies at the 2008 Beijing Olympics, and has worked on a number of operas, including Nine Songs, Marco Polo, and most recently, The First Emperor.

**Tan Dun**

Tan Dun earned global fame when he won an Academy Award, a Grammy, and a BAFTA award for composing the score to what 2000 film?

**Crouching Tiger, Hidden Dragon**

Dun has created a number of works for organic instruments. This opera, co-authored by librettist Xu Ying, includes manipulated glass bowls in the opening tea ceremony.

**Tea: A Mirror Of Soul.**

19. Given the character in the Bible, name the book they appear in, FTPE

Samson

**Judges**

Jezebel

**Kings**

Witch of Endor

**Samuel**

20. Wednesday was July 22, or as it is known in Math departments, Pi Approximation day. In celebration, let's answer some questions about this fine day

Pi, or the approximation thereof, was once known as whose constant? It was named after the Greek mathematician who calculated its value to be between  $223/71$  and  $22/7$

**Archimedes**

The first celebration of pi day was initiated by Larry Shaw in 1973 at the Exploratorium, which is located in what city? Originally located at the Palace of Fine Arts, it moved to its current location at Pier 15 in 2013.

**San Francisco**

Pi day is not the only day celebrating a mathematical constant. What constant is celebrated every June 28th?

**Tau**

Answer these questions about getting naughty with Emojis for ten points each.

Thanks to its unmistakably phallic shape and upward orientation in the standard iPhone set, what vegetable Emoji is understood in social media as the unofficial symbol of the male anatomy?

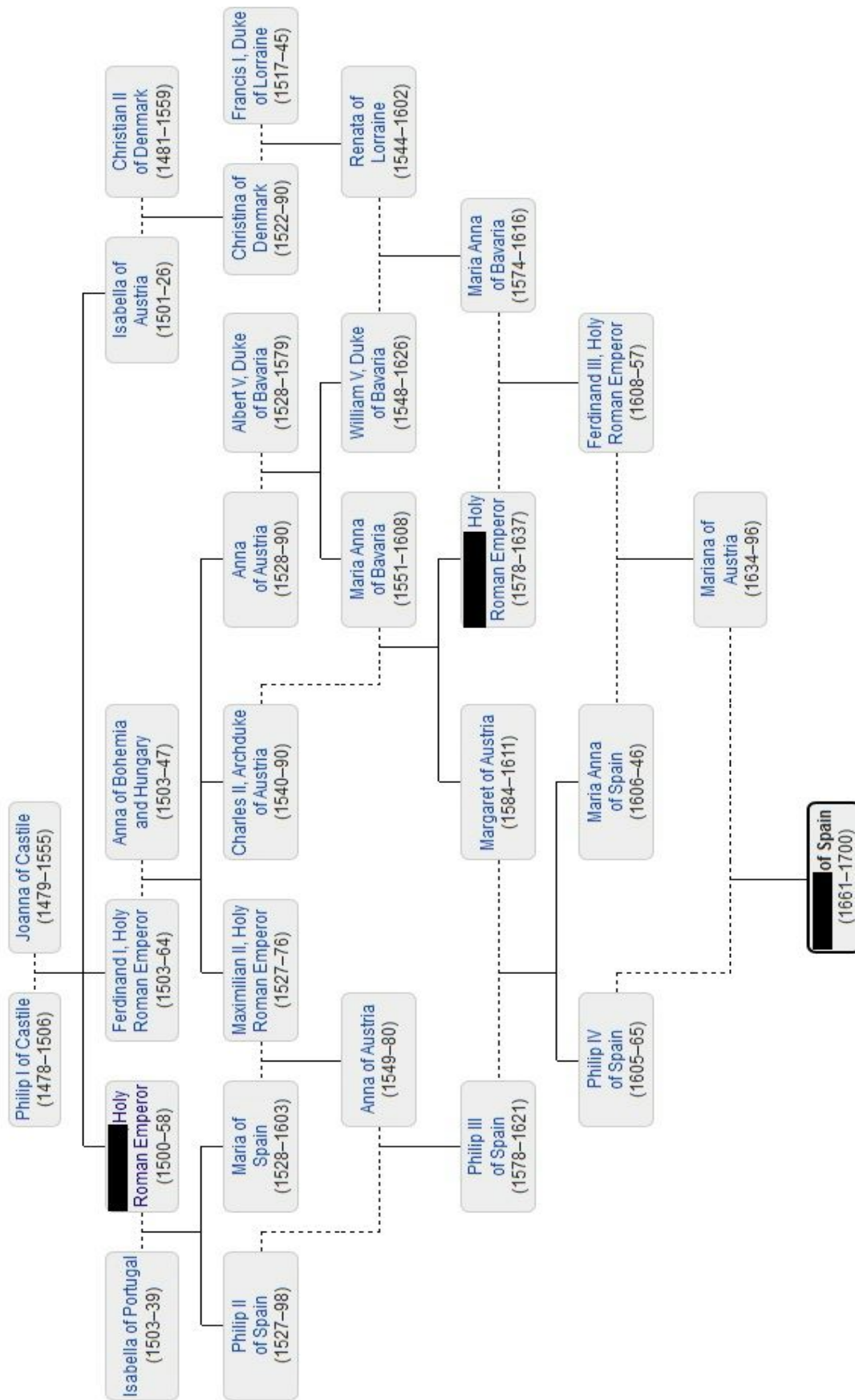
**Eggplant OR Aubergine**

Meanwhile, what fruit frequently stands in for a rotund buttocks, usually female.

**Peach**

Among the top 10 most downloaded apps on Apple's App Store, what photo sharing app started blocking results for eggplant hashtag searches around the same time it enabled hashtag searches, in keeping with their no-nudity policy?

**Instagram**



A



B



C

