

Carleton/Minnesota Deep Bench 1997
St. Olaf Toss-ups

1. (Pencil and paper not required.) Twelve cubed plus one cubed equals one thousand seven hundred twenty-nine. Ten cubed plus nine cubed also equals one thousand seven hundred twenty-nine. This was noted by a self-taught genius whose intuitive insights into number theory astonished his British mentor G. H. Hardy. FTP, name this Indian mathematician, labeled by his biographer as "The Man Who Knew Infinity."

answer: Srinivasa Ramanujan

2. The name's the same. The prince of Montenegro who won full independence from the Ottoman Empire; the first and last king of a united Yugoslavia; and two rulers titled "the Great,"—one from Aragon, who helped cause the Sicilian Vespers; the other of Russia, whose achievements included the Treaty of Nystad. FTP, what is this name also belonging to Jesus' disciple originally known as Simon?

answer: Peter

3. Born in 1838, she wrote many songs including "Farewell to Thee" and "Aloha Oe." She ascended to the throne in 1891 at the death of her brother, David Kalakaua, and attempted to maintain power over the white landowners. In 1893 the U.S.S. Boston provided "protection" to a revolt instigated by American businessmen, which forced her to abdicate. For ten points, name this last reigning Queen of Hawaii.

answer: Lydia Kamekeha Paki Liliuokalani or Queen Lil

4. Take a dried codfish and soak it in lye for several months. Then rinse it off, cook it, and serve it with butter sauce. FTP, this is the process used to produce what traditional Christmas dish, traditionally the butt of many jokes about Norwegian-Americans?

answer: Lutefisk

5. The king of sinful sots; a crooked dirty jockey; a heel; a bad banana with a greasy black peel; a three decker sauerkraut and toadstool sandwich with arsenic sauce; a nasty wasty skunk. For ten points, these words describe which animated character who fastened antlers onto his dog Max?

answer: The Grinch or Mr. Grinch

6. For one person it is zero. For 472 people, it is one. For 5016 people, it is two. For most of the five billion people in the world, it is infinite. It is technically defined for any person v as the length of the shortest path from v to a fixed vertex in the "collaboration graph" where an edge connects u and v if and only if u and v have published a mathematics article together. FTP, name this numerical property of human beings, conjectured to be finite for all publishing mathematicians, which is named after a recently deceased Hungarian.

answer: Erdos number

7. An explosion aboard the *U.S.S. Princeton*, bearing a future First Lady and this presidential admirer, is at the heart of *To See Your Face Again*, the second novel of Eugenia Price's Savannah Quartet. While he wasn't wooing a future bride, this President helped pave the way for the annexation of Texas. FTP, name this man who was both the first President to marry while in office and the first Vice President to succeed to the White House upon the death of a president.

answer: John Tyler

8. Nigeria, Tunisia, Norway, Bulgaria, Spain, Romania, Argentina, Colombia, Paraguay, South Africa, Cameroon, Morocco, England, Austria, Scotland, Netherlands, Germany, France, and Brazil. FTP, all these countries have qualified teams for entry in what 1998 sporting competition?

answer: 1998 World Cup (prompt on qualifiers)

9. He was an officer in the Imperial Guard and a government clerk before taking up composing, and he never did have a great deal of formal musical training. One of his greatest works was a musical rendering of ten of Victor Hartmann's paintings, including the Gnome, and the Old Castle. For 10 points name this composer of *Pictures at an Exhibition*, whose works also include the opera *Boris Godunov* and *A Night on Bald Mountain*.

answer: Modest (Petrovich) Moussorgsky

10. The Confederate invasion of this territory began with the capture of Fort Fillmore in July 1861. It continued the following February with a victory at Valverde (val-ver-day). The ultimate objective was the capture of Fort Union, but the invasion was stopped at Glorieta Pass in March, forcing the Confederates to retreat. FTP, which present-day state was secured for the Union by the arrival of fresh troops from Colorado?

answer: New Mexico

11. The NBC TV show, "The Pretender" has a hero based on the concept of a child whose genius was exploited to harm other individuals, and who now attempts to put things right. This concept is no stranger to fans of this science fiction writer and his two sequels with this theme—*Xenocide* and *Speaker for the Dead*. FTP, name this author of *Ender's Game*.

answer: Orson Scott Card

12. Plutons, named after the Greek god of the underworld, are intrusive bodies of igneous rocks. The largest plutons are found along the west coast of North America, some exceeding 1000 km in length and 250 km in width. FTP, name these rocks, which despite what their name might suggest, have nothing to do with plumbing.

answer: batholiths

13. It was covered by a gigantic canvas to keep the sun off the spectators, and could empty its 50,000 occupants in just minutes. The entertainment included mock naval battles and those on dry land involved animals and humans, but rarely if ever Christians. FTP, name this most famous of Roman stadiums.

answer: the Colosseum or Flavian Amphitheatre

14. It was in this state that Elsie Winters Mitchell was killed near the town of Bly, on May 5, 1945, along with five children on a Sunday School field trip. Mitchell thus became the only adult American civilian killed in the United States by an enemy bomb during World War II. FTP, name this state bombed by a Japanese plane, but whose Crater Lake had other origins.

answer: Oregon

15. A botched assassination attempt in Jordan led to this man's freedom, after which he surprised his followers and his enemies by suggesting a cease-fire and, in general, toning down his anti-Israel rhetoric. FTP, name this quadriplegic founder of Hamas.

answer: Sheik Ahmed _Yassin_

16. Sarah Bernhardt in 1900, Dante Capelli in 1910, John Gielgud in 1939, Richard Burton and Christopher Plummer both in 1964, Richard Chamberlin in 1970, Derek Jacobi in 1980, Kevin Kline and Mel Gibson in 1990. All have portrayed on film the same character, also played in 1948 by Laurence Olivier and in 1996 by Kenneth Branagh. FTP, name this melancholy prince.

answer: _Hamlet_

17. 39, 80, 24, 64, 72, 90, 88, 70, 74, 55, 57, 94. Where's this question going? Look on a map! FTP, these are all interstate highways in which state, connecting cities such as Vandalia and Galesburg?

answer: _Illinois_ (prompt on interstates or highways)

18. Onset of this disease is characterized by stiff neck, high fever, and lethargy, followed by vomiting and disorientation. Although its most noted cause is the virus Haemophilus (hay-MOF-ill-is) influenza B, it can also be caused by bacteria and is often associated with septicemia. Name this disease, an inflammation of the meninges (men-IN-gees) of the brain and spinal chord.

answer: _Meningitis_ or _Spinal Meningitis_

19. She was a Russian Jewish immigrant who became famous for her newsletter *Mother Earth*, published in association with Alexander Berkman. Deported in 1919, she went to Russia, but left there disillusioned in 1921. For 10 points, name this American anarchist, nicknamed "Red Emma."

answer: Emma _Goldman_

20. This author of *Literary Reflections*, *Sports in America*, and *The Noble Land: My Vision of America* was most recently in the news for his ailing health. He died not long after his decision to remove himself from his kidney dialysis machine at the age of ninety. FTP, name this author of massive tomes, such as *Iberia*, *Space*, and *Poland*.

answer: James (Albert) _Michener_

21. This airline's commercial flying boat legacy came to an end on December 7, 1941, when Japanese forces destroyed refueling bases at Pearl Harbor, Midway, Wake, Guam, Manila and Hong Kong more or less simultaneously, and fired more than sixty rounds into the Philippine Clipper. FTP, name this airline which has the same name as that given a highway stretching from Alaska to Chile.

answer: _Pan Am_ erican Airlines

22. It has largely disappeared from general use, though professionals still do use it, considering it superior in quality to all other formats, including the more recent Super VHS and Hi-8 standards. FTP, name this proprietary video recording standard introduced to the consumer market in 1965 by Sony, but outsold in the 1980s by the cheaper VHS standard.

answer: _Beta_ or _Betamax_

23. "From childhood's hour I have not been/As others were--I have not seen/As others saw--I could not bring/My passions from a common spring." The author of these lines died mysteriously in

1849, and on his grave a red rose appears every year. FTP, name this American famous for works such as *The Narrative of Arthur Gordon Pym*, "The Murders In the Rue Morgue" and "Annabel Lee."

answer: Edgar Allen _Poe_

24. Iowa State, Rutgers, Northern Illinois, Texas Christian, Boston University, and Illinois. Also the Indianapolis Colts and the Chicago Bears. Going into the last weekend of October, 1997, FTP, what distinction did all these football teams share?

answer: _winless_ (accept equivalent)

TIEBREAKER: Emigrating from Russia to the U.S. in 1926, she attacked socialist and communist ideals, both through her philosophy of Objectivism and through her novels. For 10 points, name this author of *Anthem*, *We the Living*, and *Atlas Shrugged*.

answer: Ayn _Rand_

EXTRAS:

26. One of this author's common motifs was the older man with a younger woman which is found in short stories such as "Bobok" (bah-bohk), "A Gentle Creature" and "White Nights". Possibly this can be explained from his own marriage to a younger woman, Anna Snitkina. FTP, name this author whose works include "The Dream of a Ridiculous Man", *The House of the Dead*, and *The Idiot*.

answer: Fyodor (Mikhaylovich) _Dostoevsky_

27. In the late 1970's, he was Budget Minister under Giscard D'Estaing. However, in 1981, it was revealed that, as secretary-general of the Bordeaux prefecture from 1942-44, he ordered the deportations of Jews to concentration camps. FTP, name this seniormost French official to be put on trial for his actions under the Vichy regime.

answer: Maurice _Papon_

28. Predictions range from everyone on the planet receiving one milirem of radiation if an impact were to occur to all of South Florida being irradiated. NASA, on the other hand, insists that the danger of 74 pounds of plutonium being distributed in the atmosphere is minimal. Furthermore, the risk is worth the data that it is hoped will be collected by, FTP, which spacecraft scheduled to fly to Saturn?

answer: _Cassini_

29. A survivor of Auschwitz, he used his observations of human suffering to formulate the ideas he used in founding the Third School of Viennese Psychiatry - the school of logotherapy. For 10 points, name this psychiatrist and author of *Man's Search for Meaning*.

answer: Viktor E. _Frankl_

30. She visited St. Paul in the early 1990's to help train El Salvadoran paramedics. Her humanitarian tendencies didn't end there. In 1991, she helped form a group to combat a weapon they feel is inhumane. Even though the United States doesn't agree with her, 89 other countries do. FTP, name the most recent winner of the Nobel Peace Prize, recognized for her opposition to land mines.

answer: Jody _Williams_