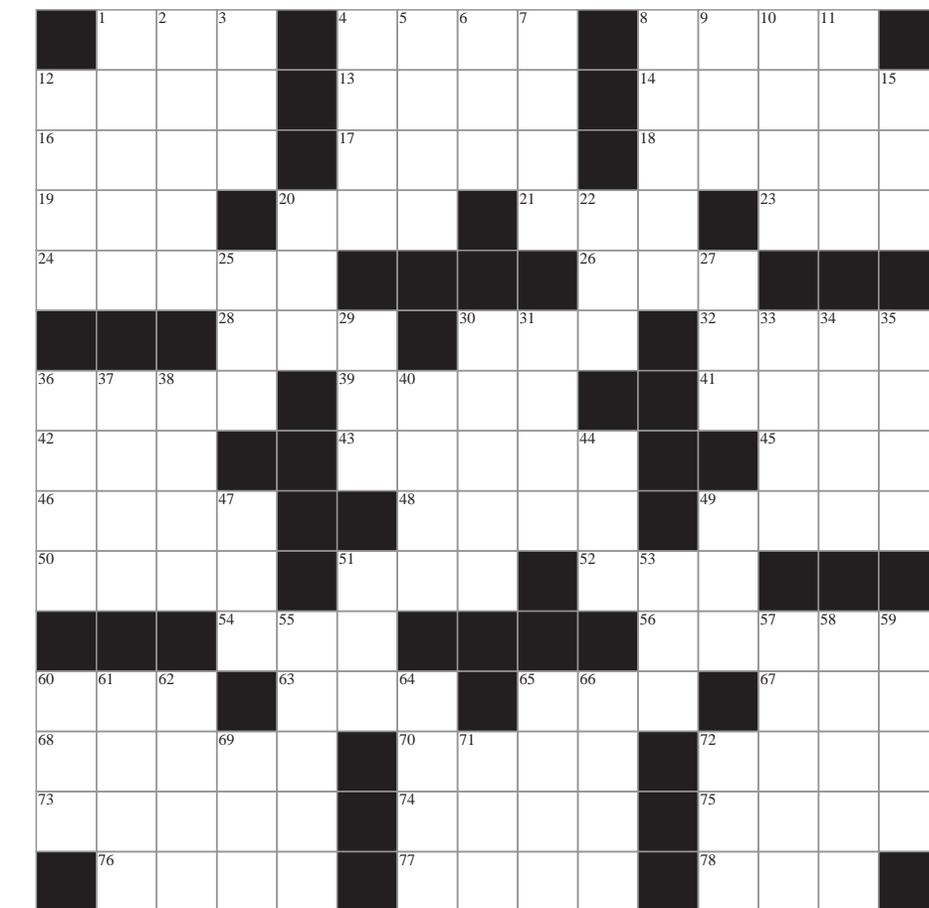


ACROSS

- 1: 35th President of the United States; established the Peace Corps; assassinated in Dallas (1917-1963)
- 4: a furnace for firing or burning or drying such things as porcelain or bricks
- 8: a theocratic Islamic republic in the Middle East in western Asia; _____ was the core of the ancient empire that was known as Persia until 1935; rich in oil
- 12: (computer science) a tiny ferrite toroid formerly used in a random access memory to store one bit of data; now superseded by semiconductor memories
- 13: a slender double-reed instrument; a woodwind with a conical bore and a double-reed mouthpiece
- 14: French biochemist who (with Jacques Monod) studied regulatory processes in cells (born in 1920)
- 16: an imaginary place considered to be perfect or ideal
- 17: dwell on with satisfaction
- 18: frequently or in great quantities
- 19: an agency that is the primary source in the State Department for interpretive analyses of global developments and focal point for policy issues and activities of the Intelligence Community
- 20: a doctorate usually based on at least 3 years graduate study and a dissertation; the highest degree awarded graduate study
- 21: hormone released by the hypothalamus that controls the release of thyroid-stimulating hormone from the anterior pituitary
- 23: a caustic detergent useful for removing grease; although commonly included in personal care items (shampoos and toothpastes etc.) it can irritate skin and should not be swallowed
- 24: move _____thily
- 26: a liquid used for printing or writing or drawing
- 28: an abnormally large amount of this fetoprotein in the fetus can signal an abnormality of the neural tube (as spina bifida or anencephaly)
- 30: a device that transfers power from an engine (as in a tractor or other motor vehicle) to another piece of equipment (as to a pump or jackhammer)
- 32: an ancient country in southwestern Asia to the east of the Tigris River (in what is modern Iran); was known for its warlike people
- 36: (Norse mythology) a blind god; misled by Loki, he kills his brother Balder by throwing a shaft of mistletoe



- 39: (Old Testament) the eldest son of Isaac who would have inherited the covenant that God made with Abraham and that Abraham passed on to Isaac; he traded his birthright to his twin brother Jacob for a mess of pottage
- 41: a port in western Israel on the Mediterranean; incorporated into Tel Aviv in 1950
- 42: 100 ___s equal 1 pataca in Macao
- 43: a command of the United States Air Force that is responsible for defending the United States through its space and intercontinental ballistic missile operations
- 45: the United States Navy's defense laboratory that conducts basic and applied research for the Navy in a variety of scientific and technical disciplines
- 46: the natural outer covering of food (usually removed before eating)
- 48: a genus of European owls
- 49: lacking a sense of restraint or responsibility
- 50: a male monarch or emperor (especially of Russia prior to 1917)
- 51: chop or split with an ax
- 52: an army corps that was organized in World War II but is no longer a separate branch of the United States Army

- 54: the dark negative feminine principle in Chinese dualistic cosmology
- 56: (Roman mythology) god of love; counterpart of Greek Eros
- 60: the month following March and preceding May
- 63: an independent agency of the federal government responsible for the promotion of progress in science and engineering by supporting programs in research and education
- 65: a heavy colorless highly toxic liquid used as a solvent to clean electronic components and for dry cleaning and as a fumigant; causes cancer and liver and lung damage
- 67: put to the test, as for its quality, or give experimental use to
- 68: English mathematician; creator of _____an algebra (1815-1864)
- 70: a spread made chiefly from vegetable oils and used as a substitute for butter
- 72: of a bluish shade of green
- 73: available for immediate use
- 74: a German courtesy title or form of address for a man
- 75: the lean flesh of a fish similar to cod
- 76: money or goods or services owed by one person to another

77: an agency in the Department of Commerce that maps the oceans and conserves their living resources; predicts changes to the earth's environment; provides weather reports and forecasts floods and hurricanes and other natural disasters related to weather
78: the Pakistan intelligence agency; a powerful and almost autonomous political and military force; has procured nuclear technology and delivery capabilities; has had strong ties with the Taliban and other militant Islamic groups

DOWN

1: separate (meat) at the _____
2: very cold
3: range of what one can know or understand
4: German bacteriologist who isolated the anthrax bacillus and the tubercle bacillus and the cholera bacillus (1843-1910)
5: a United Nations agency created to assist developing nations by loans guaranteed by member governments
6: a toilet in Britain
7: small usually bright-colored semiaquatic salamanders of North America and Europe and northern Asia
8: the first New Testament epistle traditionally attributed to Saint John the Apostle
9: the airforce of Great Britain
10: a New Testament book describing the development of the early church from Christ's Ascension to Paul's sojourn at Rome
11: period extending from Dec. 24 to Jan. 6
12: Canada's main foreign intelligence agency that gathers and analyzes information to provide security intelligence for the Canadian government
15: a bachelor's degree in naval science
20: a terrorist group formed in 1977 as the result of a split with the Popular Front for the Liberation of Palestine; became a satellite of al-Fatah; made terrorist attacks on Israel across the Lebanese border
22: the former capital and 2nd largest city of Brazil; chief Brazilian port; famous as a tourist attraction
25: a river in north central Switzerland that runs northeast into the Rhine
27: mechanical device used to wind a
29: a leguminous plant of the genus *Pisum* with small white flowers and long green pods containing edible green seeds
30: out of fashion
31: a member of the South American Indian people living in Brazil and Paraguay
33: agriculture considered as an occupation or

way of life
34: a United States Air Force defense laboratory responsible for discovering and developing and integrating fighting technologies for aerospace forces
35: a small congenital pigmented spot on the skin
36: United States playwright who collaborated with George S. Kaufman (1904-1961)
37: sheep
38: a Spanish courtesy title or form of address for a woman
40: the second largest city in Tunisia; located in eastern Tunisia near a phosphate region
44: female of domestic cattle:
47: remove the moisture from and make ____
49: a hospital unit staffed and equipped to provide intensive care
51: the part of the nervous system of vertebrates that controls involuntary actions of the smooth muscles and heart and glands
53: play (a hole) in one stroke
55: generally incompetent and ineffectual
57: Asian rat snakes
58: a native or inhabitant of Iraq
59: a unit of force equal to the force that imparts an acceleration of 1 cm/sec/sec to a mass of 1 gram
60: a dark-skinned member of a race of people living in Australia when Europeans arrived
61: a small lake
62: memorization by repetition
64: a warm dry wind that blows down the northern slopes of the Alps
65: a three-tone Chadic language
66: (Greek mythology) daughter of Zeus and Demeter; made queen of the underworld by Pluto in ancient mythology; identified with Roman Proserpina
69: a workplace for the conduct of scientific research
71: (astrology) a person who is born while the sun is in ____
72: the 22nd letter of the Greek alphabet